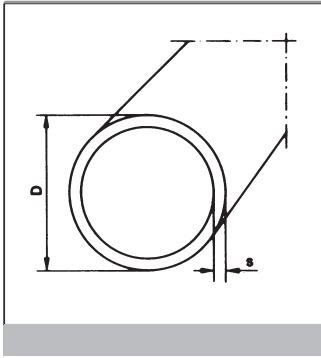




buizen  
tuyaux  
pipes

**PE 100**



**DRUKBUIS - RECHTE LENGTEN - ZWART**  
**TUYAUX DE PRESSION - LONGUEURS DROITES - NOIR**  
**PRESSURE PIPE - STRAIGHT LENGTHS - BLACK**

L = 6 m, andere lengten op aanvraag.  
 Volgens prEN 12201-2P.

L = 6 m, autres longueurs sur demande.  
 Selon prEN 12201-2P.

L = 6 m, other lengths on request.  
 According prEN 12201-2P.

D	SDR 41 PN 4			SDR 33 PN 5			SDR 26 PN 6.3			SDR 17 PN 10			SDR 11 PN 16			SDR 7.4 PN 25		
	s	KG/M	€/M	s	KG/M	€/M	s	KG/M	€/M	s	KG/M	€/M	s	KG/M	€/M	s	KG/M	€/M
20																		
25																		
32																		
40																		
50																		
63																		
75				*2.3	0.55	<b>5.59</b>				4.5	1.02	<b>8.15</b>	6.8	1.47	<b>11.73</b>	10.3	2.12	<b>18.01</b>
90				*2.8	0.80	<b>8.10</b>	3.5	0.99	<b>8.23</b>	5.4	1.47	<b>11.70</b>	8.2	2.14	<b>16.57</b>	12.3	3.03	<b>26.05</b>
110	*2.7	0.95	<b>9.62</b>	3.5	1.22	<b>9.56</b>	4.2	1.45	<b>12.06</b>	6.6	2.18	<b>17.47</b>	10.0	3.18	<b>24.65</b>	15.1	4.54	<b>38.48</b>
125	*3.1	1.23	<b>12.45</b>	3.9	1.53	<b>11.97</b>	4.8	1.86	<b>15.49</b>	7.4	2.78	<b>22.57</b>	11.4	4.11	<b>33.02</b>	17.1	5.85	<b>49.62</b>
140	*3.5	1.56	<b>15.82</b>	4.4	1.92	<b>15.03</b>	5.4	2.35	<b>19.55</b>	8.3	3.49	<b>28.35</b>	12.7	5.12	<b>41.09</b>	19.2	7.35	<b>62.28</b>
160	*4.0	2.02	<b>20.46</b>	5.0	2.49	<b>19.50</b>	6.2	3.08	<b>25.66</b>	9.5	4.55	<b>36.46</b>	14.6	6.73	<b>53.44</b>	21.9	9.58	<b>82.31</b>
180	*4.4	2.48	<b>23.51</b>	5.6	3.12	<b>24.45</b>	6.9	3.83	<b>31.89</b>	10.7	5.76	<b>46.85</b>	16.4	8.50	<b>69.31</b>	24.6	12.11	<b>102.71</b>
200	*4.9	3.08	<b>31.19</b>	6.2	3.88	<b>30.34</b>	7.7	4.74	<b>39.45</b>	11.9	7.12	<b>57.02</b>	18.2	10.48	<b>82.66</b>	27.4	14.98	<b>126.87</b>
225	*5.5	3.90	<b>39.47</b>	7.0	4.84	<b>37.88</b>	8.6	5.96	<b>49.67</b>	13.4	9.01	<b>73.41</b>	20.5	13.27	<b>104.79</b>	30.8	18.95	<b>162.76</b>
250	*6.2	4.84	<b>49.02</b>	7.8	6.05	<b>47.29</b>	9.6	7.38	<b>61.45</b>	14.8	11.04	<b>85.82</b>	22.7	16.32	<b>131.12</b>	34.2	23.38	<b>200.84</b>
280	*6.9	6.04	<b>61.17</b>	8.7	7.47	<b>58.43</b>	10.7	9.13	<b>76.60</b>	16.6	13.86	<b>113.04</b>	25.4	20.46	<b>164.33</b>	38.3	29.32	<b>251.89</b>
315	*7.7	7.59	<b>76.86</b>	9.8	9.55	<b>74.69</b>	12.1	11.61	<b>97.44</b>	18.7	17.57	<b>142.71</b>	28.6	25.90	<b>210.97</b>	43.1	37.12	<b>318.86</b>
355	*8.7	9.65	<b>97.76</b>	11.1	12.06	<b>94.34</b>	13.6	14.71	<b>123.27</b>	21.1	22.35	<b>183.04</b>	32.2	32.92	<b>268.57</b>	48.5	47.08	<b>404.38</b>
400	*9.8	12.20	<b>123.57</b>	12.4	15.33	<b>120.52</b>	15.3	18.64	<b>156.59</b>	23.7	28.25	<b>226.18</b>	36.3	41.79	<b>358.96</b>	54.7	59.82	<b>513.85</b>
450	*11.0	15.40	<b>169.03</b>	14.0	19.41	<b>151.78</b>	17.2	23.58	<b>197.38</b>	26.7	35.80	<b>286.66</b>	40.9	52.99	<b>454.04</b>	61.5	75.67	<b>650.00</b>
500	*12.3	19.10	<b>209.66</b>	15.5	23.91	<b>187.14</b>	19.1	29.09	<b>243.17</b>	29.6	44.24	<b>360.91</b>	45.4	65.36	<b>560.73</b>	68.3	92.78	*
560	*13.7	23.90	<b>262.36</b>	17.4	30.04	<b>234.91</b>	21.4	36.50	<b>304.81</b>	33.2	55.39	<b>475.09</b>	50.8	81.92	<b>702.35</b>			
630	*15.4	30.10	<b>330.39</b>	19.6	38.02	<b>297.30</b>	24.1	46.25	<b>386.43</b>	37.4	70.19	<b>572.57</b>	57.2	103.76	<b>889.78</b>			
710	*17.4	38.30	<b>420.42</b>	22.1	48.33	<b>414.21</b>	27.2	58.82	<b>530.77</b>	42.1	89.05	<b>727.98</b>	*64.5	131.00	<b>1610.92</b>			
800	*19.6	48.70	<b>534.57</b>	24.9	61.22	<b>524.66</b>	30.6	74.56	<b>671.99</b>	47.4	112.97	<b>968.18</b>	*72.6	167.00	<b>2053.62</b>			
900	*22.0	61.30	<b>724.91</b>	28.0	77.40	<b>663.36</b>	34.4	94.30	<b>912.30</b>	53.3	142.92	<b>1224.77</b>	*81.7	211.00	<b>2813.62</b>			
1000	*24.5	75.90	<b>896.63</b>	31.0	95.20	<b>815.92</b>	38.2	116.35	<b>1130.70</b>	59.3	176.66	<b>1513.71</b>	*90.8	260.00	<b>3467.01</b>			
1200	*29.4	109.00	<b>1402.17</b>	*36.7	135.00	<b>1736.62</b>	*45.9	168.00	<b>2161.12</b>	*71.1	254.00	<b>3826.23</b>	*108.9	375.00	<b>5648.97</b>			
1400	*34.3	148.00	<b>2010.82</b>	*42.9	184.00	<b>2499.95</b>	*53.5	228.00	<b>3097.77</b>	*83.0	345.00	<b>5395.92</b>	*127.0	510.00	<b>7976.58</b>			

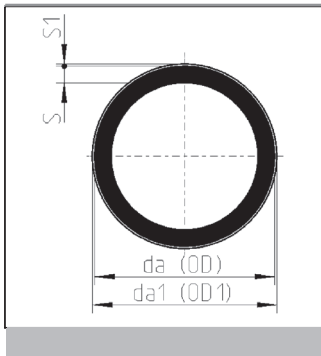
\* L = 5 m PE 100 RC

**HDPE 100 L = 5,8 m**

D	SDR 41 ISO S-20			SDR 33 ISO S-16			SDR 26 ISO S-12.5			SDR 17 ISO S-8			SDR 11 ISO S-5	
	s	KG/M	€/M	s	KG/M	€/M	s	KG/M	€/M	s	KG/M	€/M	s	KG/M
1600	39.2	194	*	49.0	241	*	61.2	298	*	94.8	451	*	145.2	666
1800	44.0	245	*	55.1	305	*	68.8	377	*	106.6	571	*		
2000	48.9	302	*	61.2	376	*	76.4	465	*	118.4	704	*		
2250	55.0	382	*	68.9	476	*	86.0	589	*	133.3	892	*		
2500				76.5	587	*	95.5	727	*	148.1	1101	*		

\* prijs op aanvraag / prix sur demande / price on request

Fittings op aanvraag / raccords sur demande / fittings on request



DRUKBUIS - RECHTE LENGTEN  
 TUYAUX DE PRESSION - LONGUEURS DROITES  
 PRESSURE PIPE - STRAIGHT LENGTHS

PE gas / gaz / gas EN 1555 oranje / orange / orange  
 PE drinkwater / l'eau potable / potable water EN 12201/2W blauw / bleu / blue

**D32-63 mm: L = 6 m**  
 volledig gekleurd / Entièrement coloré / Fully colored

**D75-315 mm: L = 6-12 m**  
 Coëxtrusie : binnen zwart / buiten oranje of blauw  
 Co-extrusion: intérieur noir / extérieur orange ou bleu  
 Co-extrusion: inside black / outside orange or blue

Gas - oranje  
 Gaz - orange  
 Gas - orange

Drinkwater - blauw  
 L'eau potable - bleu  
 Potable water - blue

D	SDR 17 PN 10			SDR 11 PN 16		
	s	KG/M	€/M	s	KG/M	€/M
32				3.0	0.27	2.38
40				3.7	0.43	3.61
50				4.6	0.67	5.31
63				5.8	1.06	8.33
75	4.5	1.02	8.15	6.8	1.47	11.73
90	5.4	1.47	11.70	8.2	2.14	16.57
110	6.6	2.18	17.47	10.0	3.18	24.65
125	7.4	2.78	22.57	11.4	4.11	33.02
140	8.3	3.49	28.35	12.7	5.12	41.09
160	9.5	4.55	36.46	14.6	6.73	53.44
180	10.7	5.76	46.85	16.4	8.50	69.31
225	13.4	9.01	73.41	20.5	13.27	104.79
250	14.8	11.04	85.82	22.7	16.32	131.12
280	16.6	13.86	113.04	25.4	20.46	164.33
315	18.7	17.57	142.71	28.6	25.90	210.97
355	21.1	22.35	183.40	32.2	32.92	*
400	23.7	28.25	226.18	36.3	41.79	*
450	26.7	35.80	286.66	40.9	52.99	*
500	29.6	44.24	*	45.4	65.36	*
560	33.2	55.39	*	50.8	81.92	*
630	37.4	70.19	*	57.2	103.76	*
710	42.1	89.05	*	*64.5	131.00	*
800	47.4	112.97	*	*72.6	167.00	*

D	SDR 17 PN 10			SDR 11 PN 16		
	s	KG/M	€/M	s	KG/M	€/M
32				3.0	0.27	2.38
40				3.7	0.43	3.61
50				4.6	0.67	5.31
63				5.8	1.06	8.33
75	4.5	1.02	8.15	6.8	1.47	11.73
90	5.4	1.47	11.70	8.2	2.14	16.57
110	6.6	2.18	17.47	10.0	3.18	24.65
125	7.4	2.78	22.57	11.4	4.11	33.02
140	8.3	3.49	28.35	12.7	5.12	41.09
160	9.5	4.55	36.46	14.6	6.73	53.44
180	10.7	5.76	46.85	16.4	8.50	69.31
225	13.4	9.01	73.41	20.5	13.27	104.79
250	14.8	11.04	85.82	22.7	16.32	131.12
280	16.6	13.86	113.04	25.4	20.46	164.33
315	18.7	17.57	142.71	28.6	25.90	210.97
355	21.1	22.35	*	32.2	32.92	*
400	23.7	28.25	*	36.3	41.79	*
450	26.7	35.80	*	40.9	52.99	*
500	29.6	44.24	*	45.4	65.36	*
560	33.2	55.39	*	50.8	81.92	*
630	37.4	70.19	*	57.2	103.76	*
710	42.1	89.05	*	*64.5	131.00	*
800	47.4	112.97	*	*72.6	167.00	*

\* op aanvraag / sur demande / on request

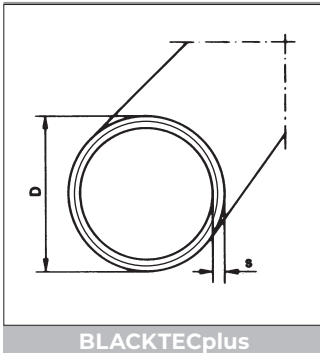
\* op aanvraag / sur demande / on request



buizen - glasvezelversterkt  
tuyaux - fibres de verre  
pipes - glass fiber reinforced

BLACKTECplus

PE 100



DRUKBUIS - ZWART MET 4 GRIJZE STREPEN  
TUYAUX DE PRESSION - NOIR AVEC 4 RAYURES GRIS  
PRESSURE PIPE - BLACK WITH 4 GREY STRIPES

L = 5 m, afmetingen volgens ISO4427-2 en ISO4437-2. DIN 8074 - 8075, DIN EN 12201.  
Zwarte buizen met glasvezelversterkte middenlaag voor 55% gereduceerde axiale uitzetting.  
Uitzettingscoëfficiënt: 0.09 mm/mK.

L = 5 m, dimensions selon ISO4427-2 et ISO4437-2. DIN 8074 - 8075, DIN FN 12201.  
Tuyaux noirs avec une couche intermédiaire en fibres de verre pour 55% une dilatation réduite.  
Coefficient de dilatation: 0.09 mm/mk.

L = 5 m, dimensions according ISO4427-2 and ISO4437-2. DIN 8074 - 8075, DIN FN 12201.  
Black pipes with glass fiber reinforced middle layer for 55% reduced axial expansion.  
Expansion coefficient: 0.09 mm/mk.

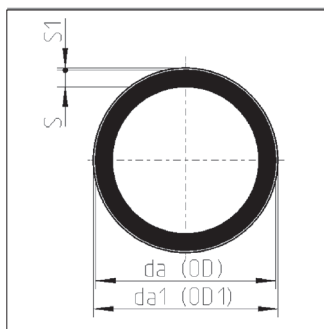
## SDR 17 / ISO S-8

D	s	KG/M	€/M
160	9.5	4.70	<b>72.24</b>
*180	10.7	5.90	<b>90.47</b>
200	11.9	7.32	<b>108.72</b>
225	13.4	9.50	<b>150.79</b>
250	14.8	11.10	<b>163.26</b>

## SDR 11 / ISO S-5

D	s	KG/M	€/M
63	5.8	1.11	<b>13.09</b>
75	6.8	1.53	<b>18.89</b>
90	8.2	2.19	<b>24.00</b>
110	10.0	3.20	<b>47.74</b>
125	11.4	4.20	<b>59.33</b>
140	12.7	5.20	<b>66.45</b>
160	14.6	6.80	<b>80.17</b>
180	16.4	8.70	<b>100.53</b>
200	18.2	10.70	<b>120.81</b>
225	20.5	13.50	<b>167.54</b>
250	22.7	16.40	<b>181.41</b>

\* op aanvraag / sur demande / on request.



MINELINE II



## MINELINE II - INDUSTRIAL PIPING SYSTEM

L = 5 m

Buis met witte signaal beschermlaag en slijtvaste beschermlaag.

Extra slijtvaste buis, extra witte buitenlaag reflecteert zonlicht voor minder uitzetting, extra slijtvaste binnenlaag gemaakt van een speciale composiet.

Dit maakt mineline 2 ook tot een robuustere buis dankzij de meerlaagse structuur, die alle voordelen en meer biedt van een reguliere PE-buis.

Ook aftakkingen, bochten, T-stukken en kragen van mineline-materiaal zijn verkrijgbaar.

Tuyau avec couche de signal blanche et couche abrasives.

Tuyau extra résistant à l'abrasion, couche extérieure extra blanche réfléchit la lumière du soleil pour moins d'expansion, couche extra résistante à l'usure intérieure faite d'un composite spécial. Tube avec couche protectrice de signalisation blanche et couche protectrice résistante à l'abrasion. Grâce à sa structure multicouche, mineline 2 est également un tube plus robuste, offrant tous les avantages et plus encore d'un tube PE ordinaire.

Des embranchements, des coudes, des tés et des colliers en matériau mineline sont également disponibles.

Pipe white signal-layer and abrasion layer.

Extra abrasion resistant pipe, extra White outer layer reflects sunlight for less expansion, extra inside wear resistant layer made out of a special composite.

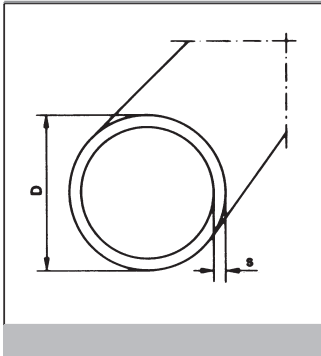
This also makes mineline 2 pipe a more robust pipe due to multi-layer structure, which offers all advantages and more of regular PE pipe, also branches, bends, T-pieces and stub flanges made out of mineline material are available.

## SDR 17 / ISO S-8

da	s	KG/M
160	9.5	6.31
180	10.7	8.36
200	11.9	10.00
225	13.4	12.30
250	14.8	14.70
280	16.6	18.00
315	18.7	22.20
355	21.1	27.60
400	23.7	34.20
450	26.7	43.50
500	29.7	52.80
560	33.2	65.00
630	37.4	82.60
710	42.1	90.41
800	47.4	114.64
900	53.3	144.78
1000	59.3	178.34
1200	71.1	256.46

## SDR 11 / ISO S-5

da	s	KG/M
63	5.8	1.41
75	6.8	1.90
90	8.2	2.83
110	10.0	4.04
125	11.4	5.10
140	12.7	6.53
160	14.6	8.35
180	16.4	10.90
200	18.2	13.20
225	20.5	16.30
250	22.7	19.70
280	25.4	24.30
315	28.6	30.20
355	32.2	37.70
400	36.3	47.20
450	40.9	59.90
500	45.4	73.20
560	50.8	90.60
630	57.2	114.00
710	64.5	133.51
800	72.6	169.24
900	81.7	213.68
1000	90.8	263.47
1200	108.9	378.39



DRUKBUIS - ROLLEN  
TUYAUX DE PRESSION - ROULEAUX  
PRESSURE PIPE - COILS

L = 50 - 100 m, andere lengten op aanvraag  
Volgens prEN 12201  
Rollen voor gastransport of kabelbescherming: op aanvraag

L = 50 - 100 m, autres longueurs sur demande  
Selon prEN 12201  
Rouleaux pour le transport de gaz et protection de câbles: sur demande

L = 50 - 100 m, other lengths on request  
According to prEN 12201  
Coils for conveyance of gas and cable protection: on request

**PE-100**

D	SDR 17 PN 10				SDR 11 PN 16				SDR 7.4 PN 25			
	s	Ø	KG/M	€/M	s	Ø	KG/M	€/M	s	Ø	KG/M	€/M
<b>20</b>					2.0	15.0	0.14	<b>1.44</b>	3.0	14.0	0.17	<b>1.88</b>
<b>25</b>					2.3	19.6	0.19	<b>1.91</b>	3.5	18.0	0.24	<b>2.58</b>
<b>32</b>					3.0	26.0	0.28	<b>2.99</b>	4.4	23.2	0.39	<b>4.13</b>
<b>40</b>					3.7	32.6	0.43	<b>4.55</b>	5.5	29.0	0.60	<b>6.35</b>
<b>50</b>	3.0	44.0	0.46	<b>4.80</b>	4.6	40.8	0.66	<b>7.12</b>	6.9	36.2	0.94	<b>9.92</b>
<b>63</b>	3.8	55.4	0.73	<b>7.66</b>	5.8	51.4	1.05	<b>11.22</b>	8.6	45.8	1.48	<b>15.61</b>
<b>75</b>	4.5	66.0	1.02	<b>10.70</b>	6.8	61.4	1.47	<b>15.72</b>	10.3	54.4	2.10	<b>22.14</b>
<b>90</b>	5.4	79.2	1.47	<b>15.42</b>	8.2	73.6	2.12	<b>22.56</b>	12.3	65.4	3.02	<b>31.85</b>
<b>110</b>	6.6	90.0	2.19	<b>23.09</b>	10.0	90.0	3.16	<b>33.76</b>	15.1	79.8	4.52	<b>47.64</b>

**Opmerking!**

Bij dit type buis dient men er rekening mee te houden dat, na verloop van tijd, de kans bestaat dat de buisdoorsnede ovaal komt te staan, onder invloed van de verpakking.  
Alvorens tot lassen over te gaan, moet dit worden hersteld door verhitting, kalibrering of indien noodzakelijk door de buisuiteindes af te zagen.

**Attention !**

Il convient de tenir compte qu'il est possible que la section tubulaire de ce type de tuyau devienne ovale à cause de l'emballage après un certain temps.  
Avant de le souder, il doit être réparé en le chauffant, en le calibrant ou en sciant l'extrémité du tuyau si nécessaire.

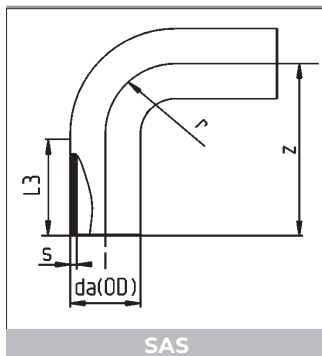
**NBI**

With this type of pipe it must be taken into account that after some time there is a chance that the cross-section of the pipe will become oval under the influence of the packing.  
Before welding, this must be repaired either by heating, calibration, or if necessary sawing off the ends of the pipe.



stomplas- en electromoflasfittings + IR  
raccords pour le soudage bout à bout et electrosoudable + IR  
fittings for butt and electro socket welding + IR

**PE 100 RC**



MULTI-BOCHTEN 90°  
MULTI-COURBES A 90°  
MULTI-BENDS 90°

Gespoten  
Injectés  
Moulded.

**SDR 17 / ISO S-8**

da	L3	r	z	s	KG/ST/PC	€/ST/PC
63	66.5	63	129.5	3.8	0.184	7.57
75	75.0	75	150.0	4.5	0.302	11.06
90	76.0	90	168.0	5.4	0.482	14.41
110	82.0	110	189.0	6.6	0.797	30.39
125	92.0	125	218.0	7.4	1.200	38.58
140	95.0	140	241.0	8.3	1.618	56.07
160	100.5	160	260.0	9.5	2.300	61.83
180	109.0	180	285.0	10.7	3.210	76.42
200	118.5	200	318.5	11.9	4.180	94.67
225	125.0	225	353.0	13.4	5.940	123.37
250	133.0	250	389.0	14.8	7.380	241.90
280	143.0	280	429.0	16.6	10.220	352.49
315	158.0	315	475.0	18.7	14.580	440.11

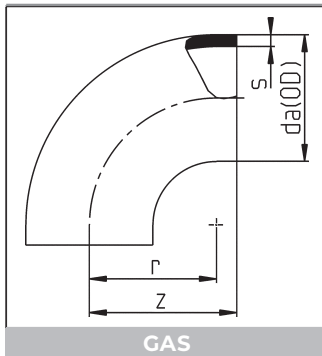
**SDR 11 / ISO S-5**

da	L3	r	z	s	KG/ST/PC	€/ST/PC
20	40.0	20	60.0	2.0	0.014	3.24
25	42.5	25	68.5	2.3	0.023	3.38
32	47.0	32	79.0	3.0	0.042	3.51
40	52.0	40	92.5	3.7	0.075	4.55
50	58.5	50	108.5	4.6	0.140	5.70
63	66.5	63	129.5	5.8	0.263	8.20
75	75.0	75	150.0	6.8	0.413	11.30
90	76.0	90	168.0	8.2	0.685	16.38
110	82.0	110	189.0	10.0	1.144	31.18
125	92.0	125	218.0	11.4	1.681	43.90
140	95.0	140	241.0	12.7	2.380	58.71
160	100.5	160	260.0	14.6	3.320	75.59
180	109.0	180	285.0	16.4	4.580	89.54
200	118.5	200	318.5	18.2	6.180	133.40
225	125.0	225	353.0	20.5	8.520	159.16
250	133.0	250	389.0	22.7	10.800	286.99
280	143.0	280	429.0	25.4	15.100	414.90
315	158.0	315	475.0	28.6	21.020	515.09



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

**PE 100 RC**



BOCHTEN 90°  
COURBES A 90°  
BENDS 90°

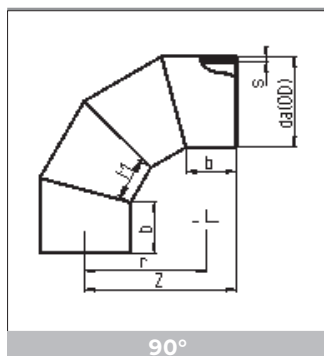
Gespoten.  
Injectés.  
Moulded.

da	SDR 33 / ISO S-16					SDR 17 / ISO S-8					SDR 11 / ISO S-5				
	r	z	s	KG ST/PC	€ ST/PC	r	z	s	KG ST/PC	€ ST/PC	r	z	s	KG ST/PC	€ ST/PC
20											23	32	2.0	0.007	3.26
25											30	38	2.3	0.011	3.41
32											32	43	3.0	0.020	3.53
40											40	46	3.7	0.032	4.56
50											50	58	4.6	0.074	5.74
63						63	70	3.8	0.070	7.60	63	70	5.8	0.110	8.22
75						75	85	4.5	0.150	11.12	75	85	6.8	0.213	11.35
90						90	100	5.4	0.260	14.49	90	100	8.2	0.373	16.47
110	110	120	3.4	0.258	21.73	110	123	6.6	0.440	30.56	110	124	10.0	0.649	31.34
125	125	140	3.9	0.352	24.46	125	140	7.4	0.624	38.81	125	140	11.4	0.928	44.16
140	140	150	4.3	0.474	31.62	140	150	8.3	0.876	56.39	140	150	12.7	1.280	59.05
160	155	180	4.9	0.953	41.33	155	180	9.5	1.340	62.18	155	180	14.6	2.210	79.15
180	180	200	5.5	1.220	50.38	180	200	10.7	2.120	76.87	180	200	16.4	3.210	93.71
200	200	220	6.2	1.740	66.93	200	220	11.9	2.770	95.21	200	220	18.2	3.680	139.65
225	225	245	6.9	1.944	82.10	225	245	13.4	3.900	129.09	225	243	20.5	5.240	174.14
250	265	290	7.7	3.440	99.24	265	285	14.8	5.860	185.62	265	290	22.7	8.020	273.00
280	260	290	8.6	4.380	122.72	265	290	16.5	7.140	241.25	265	290	25.4	9.750	354.95
315	300	340	9.7	6.160	174.16	300	340	18.7	10.860	333.30	300	340	28.6	14.360	490.04
355	300	340	10.9	8.900	443.30	300	340	21.1	12.620	512.71	300	340	32.2	18.460	716.80
400	300	345	12.3	11.120	619.98	300	340	23.7	15.600	735.45	300	345	36.3	23.500	984.34
450	400	445	13.8	15.000	835.21	400	445	26.7	25.940	961.39	400	445	40.9	38.800	1291.65
500	400	445	15.3	18.480	1164.14	400	445	29.7	31.940	1213.19	400	445	45.4	48.340	1666.25



stomplasmafittingen, gesegmenteerd  
raccors pour le soudage bout à bout, segmentées  
fittings for butt welding, segmented

PE 100



BOCHTEN 90°  
COURBES A 90°  
BENDS 90°

Veiligheidsfactor x 0,8  
Facteur de sécurité x 0,8  
Security factor x 0,8

da	SDR 41 / ISO S-20									SDR 33 / ISO S-16								
	s	r	b	t1	z	t	t2	KG ST/PC	€ ST/PC	s	r	b	t1	z	t	t2	KG ST/PC	€ ST/PC
560	13.7	840	350	300	1040	600	500	38.40	1533.48	17.2	840	350	300	1040	600	500	47.9	1832.29
630	15.4	945	350	338	1126	675	519	50.22	1840.67	19.3	945	350	338	1126	675	519	71.0	2249.70
710	17.4	1065	400	380	1275	761	590	75.49	2246.21	21.8	1065	400	380	1275	761	590	102.0	2765.89
800	19.6	1200	400	429	1385	857	614	111.16	2712.16	24.5	1200	400	429	1385	857	614	139.0	3389.56
900	22.0	1350	400	482	1509	965	641	148.55	3622.76	27.6	1350	400	482	1509	965	641	190.0	4473.47
1000	24.5	1500	500	536	1732	1072	768	189.98	4599.12	30.6	1500	500	536	1732	1072	768	271.0	5649.22
1200	29.4	1800	500	643	1978	1286	822	291.03	6684.47	36.7	1800	500	643	1978	1286	822	440.0	8171.88
1400	34.3	1705	500	400	2005	-	-	496.00	11917.23	-	-	-	-	-	-	-	-	-
1600	39.2	1920	500	446	2197	-	-	701.00	15586.03	49.0	1920	500	446	2197	-	-	869.0	18906.64

da	SDR 26 / ISO S-12.5									SDR 17 / ISO S-8								
	s	r	b	t1	z	t	t2	KG ST/PC	€ ST/PC	s	r	b	t1	z	t	t2	KG ST/PC	€ ST/PC
560	21.4	840	350	300	1040	600	500	58.4	2253.13	33.2	840	350	300	1040	600	500	88.3	3332.00
630	24.1	945	350	338	1126	675	519	87.0	2704.82	37.4	945	350	338	1126	675	519	132.0	4048.07
710	27.2	1065	400	380	1275	761	590	126.0	3305.56	42.1	1065	400	380	1275	761	590	190.0	4996.65
800	30.8	1200	400	429	1385	857	614	172.0	4036.89	47.4	1200	400	429	1385	857	614	260.0	6142.71
900	34.4	1350	400	482	1509	965	641	235.0	5409.69	53.3	1350	400	482	1509	965	641	365.0	8096.91
1000	38.2	1500	500	536	1732	1072	768	335.0	6939.79	59.3	1500	500	536	1732	1072	768	507.0	10347.13
1200	45.9	1800	500	643	1978	1286	822	545.0	10049.87	71.1	1800	500	643	1978	1286	822	825.0	14932.99
1400	53.5	1705	500	400	2005	-	-	756.0	17777.28	83.0	1705	500	400	2005	-	-	1145.0	25953.53
1600	61.2	1920	500	446	2197	-	-	1077.0	22953.50	94.8	1920	500	446	2197	-	-	1628.0	34228.30

da	SDR 11 / ISO S-5								
	s	r	b	t1	z	t	t2	KG ST/PC	€ ST/PC
560	50.8	840	350	300	1040	600	500	130	4918.28
630	57.2	945	350	338	1126	675	519	195	5883.23
710	64.5	1065	400	380	1275	761	590	280	7252.90
800	72.6	1200	400	429	1385	857	614	383	8878.71
900	81.7	1350	400	482	1509	965	641	525	11703.26
1000	90.8	1500	500	536	1732	1072	768	749	15021.83
1200	108.9	1800	500	543	1978	1286	822	1218	22183.45
1400	127.0	1705	500	400	2005	-	-	1145	38469.78
1600	145.2	1920	500	446	2197	-	-	1628	50708.62

**Opmerking / remarque / remark:**

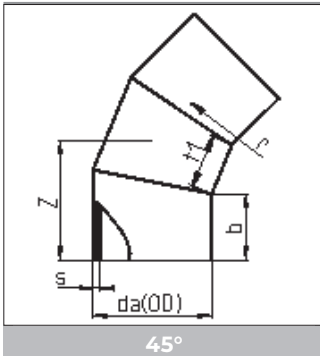
da 560-1200 : 4 segmenten / segments / segment  
da 1400-1600 : 5 segmenten / segments / segment





stomplasfittings, gesegmenteerd  
raccors pour le soudage bout à bout, segmentées  
fittings for butt welding, segmented

**PE 100**



BOCHTEN 45°  
COURBES A 45°  
BENDS 45°

Veiligheidsfactor x 0,8  
Facteur de sécurité x 0,8  
Security factor x 0,8

da	SDR 41 / ISO S-20									SDR 33 / ISO S-16								
	s	r	b	t1	z	t	t2	KG ST/PC	€ ST/PC	s	r	b	t1	z	t	t2	KG ST/PC	€ ST/PC
560	13.7	840	350	223.0	587	445	461	27.89	1017.19	17.2	840	350	223.0	587	445	461	34.66	1215.17
630	15.4	945	350	251.0	616	501	475	36.00	1209.43	19.3	945	350	251.0	616	501	475	45.00	1477.81
710	17.4	1065	400	282.5	700	565	541	52.00	1474.08	21.8	1065	400	282.5	700	565	541	65.00	1814.87
800	19.6	1200	400	318.3	738	637	559	70.00	1755.39	24.5	1200	400	318.3	738	637	559	87.00	2194.35
900	22.0	1330	400	358.0	780	716	579	93.00	2311.38	27.6	1330	400	358.0	780	716	579	116.00	2852.99
1000	24.5	1500	500	398.0	923	796	699	136.00	2957.72	30.6	1500	500	398.0	923	796	699	169.00	3631.85
1200	29.4	1800	500	477.5	1007	955	739	214.00	4176.68	36.7	1800	500	477.5	1007	955	739	265.00	5101.53
1400	34.3	1705	500	400.0	1006	957	778	291.00	6580.87	-	-	-	-	-	-	-	-	-
1600	39.2	1920	500	446.0	1073	1082	818	404.00	8121.69	49.0	1920	500	446.0	1073	1082	818	501.00	10386.00
1800	44.0	2160	500	501.0	1144	1217	858	543.00	10721.88	55.1	2160	500	501.0	1144	1217	858	676.00	13194.63
2000	48.9	2400	500	557.0	1216	1353	898	711.00	13028.21	61.2	2400	500	557.0	1216	1353	898	885.00	16785.32
2250	55.0	2700	500	627.0	1305	1522	948	965.00	17613.10	68.9	2700	500	627.0	1305	1522	948	1200.00	21506.47

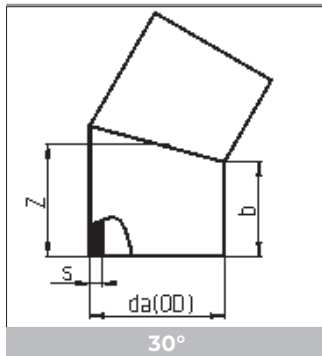
da	SDR 26 / ISO S-12.5									SDR 17 / ISO S-8								
	s	r	b	t1	z	t	t2	KG ST/PC	€ ST/PC	s	r	b	t1	z	t	t2	KG ST/PC	€ ST/PC
560	21.4	840	350	223.0	587	445	461	42.3	1494.22	33.2	840	350	223.0	587	445	461	64	2209.49
630	24.1	945	350	251.0	616	501	475	56.0	1776.02	37.4	945	350	251.0	616	501	475	84	2657.56
710	27.2	1065	400	282.5	700	565	541	80.0	2167.74	42.1	1065	400	282.5	700	565	541	122	3276.83
800	30.6	1200	400	318.3	738	637	559	107.0	2610.37	47.4	1200	400	318.3	738	637	559	162	3972.87
900	34.4	1330	400	358.0	780	716	579	143.0	3446.69	53.3	1350	400	358.0	780	716	579	216	5156.34
1000	38.2	1500	500	398.0	923	796	699	209.0	4460.32	59.3	1500	500	398.0	923	796	699	317	6646.36
1200	45.9	1800	500	477.5	1007	955	739	328.0	6270.65	71.1	1800	500	477.5	1007	955	739	496	9305.85
1400	53.5	1705	500	400.0	1006	957	778	447.0	9843.45	83.0	1705	500	400.0	1006	957	778	676	14422.35
1600	61.2	1920	500	446.0	1073	1082	818	621.0	12632.27	94.8	1920	500	446.0	1073	1082	818	939	18861.14
1800	68.8	2160	500	501.0	1144	1217	858	836.0	16014.90	106.6	2160	500	501.0	1144	1217	858	1265	24179.61
2000	76.4	2400	500	557.0	1216	1353	898	1095.0	20379.59	118.4	2400	500	557.0	1216	1353	898	1658	30658.43
2250	86.0	2700	500	627.0	1305	1522	948	1485.0	26343.92	133.3	2700	500	627.0	1305	1522	948	2248	40039.86

da	SDR 11 / ISO S-5								
	s	r	b	t1	z	t	t2	KG ST/PC	€ ST/PC
560	50.8	840	350	223.0	587	445	461	94.3	3261.42
630	57.2	945	350	251.0	616	501	475	124.0	3861.51
710	64.5	1065	400	282.5	700	565	541	179.0	4102.27
800	72.6	1200	400	318.3	738	637	559	239.0	5738.66
900	81.7	1350	400	358.0	780	716	579	320.0	7445.34
1000	90.8	1500	500	398.0	923	796	699	468.0	9643.11
1200	108.9	1800	500	477.5	1007	955	739	733.0	13830.21
1400	127.0	1705	500	400.0	1006	957	778	998.0	21368.13
1600	145.2	1920	500	446.0	1073	1082	818	1387.0	27935.14



stomplasmafittingen, gesegmenteerd  
raccords pour le soudage bout à bout, segmentées  
fittings for butt welding, segmented

**PE 100**



BOCHTEN 30°  
COURBES A 30°  
BENDS 30°

Veiligheidsfactor x 0,8 / Facteur de sécurité x 0,8 / Security factor x 0,8t

da	SDR 41 / ISO S-20					SDR 33 / ISO S-16						
	s	b	z	t	KG ST/PC	€ ST/PC	s	b	z	t	KG ST/PC	€ ST/PC
<b>560</b>	13.7	350	425	500	20.3	<b>587.07</b>	17.2	350	425	500	24.7	<b>705.43</b>
<b>630</b>	15.4	350	434	519	25.6	<b>700.83</b>	19.3	350	434	519	31.8	<b>858.37</b>
<b>710</b>	17.4	400	495	590	37.9	<b>876.74</b>	21.8	400	495	590	47.2	<b>1080.90</b>
<b>800</b>	19.6	400	507	614	59.1	<b>1047.95</b>	24.5	400	507	614	73.3	<b>1308.40</b>
<b>900</b>	22.0	400	521	641	76.1	<b>1379.32</b>	27.6	400	521	641	95.0	<b>1705.10</b>
<b>1000</b>	24.5	500	634	768	96.0	<b>1837.90</b>	30.6	500	634	768	119.0	<b>2260.91</b>
<b>1200</b>	29.4	500	661	822	144.0	<b>2570.35</b>	36.7	500	661	822	178.0	<b>3147.79</b>

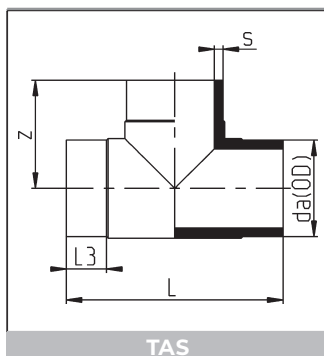
da	SDR 26 / ISO S-12.5					SDR 17 / ISO S-8						
	s	b	z	t	KG ST/PC	€ ST/PC	s	b	z	t	KG ST/PC	€ ST/PC
<b>560</b>	21.4	350	425	500	30.4	<b>867.65</b>	33.2	350	425	500	46.0	<b>1287.07</b>
<b>630</b>	24.1	350	434	519	39.4	<b>1035.80</b>	37.4	350	434	519	59.6	<b>1552.33</b>
<b>710</b>	27.2	400	495	590	58.4	<b>1298.52</b>	42.1	400	495	590	88.1	<b>1962.48</b>
<b>800</b>	30.6	400	507	614	90.7	<b>1566.50</b>	47.4	400	507	614	137.0	<b>2381.54</b>
<b>900</b>	34.4	400	521	641	117.0	<b>2067.53</b>	53.3	400	521	641	177.0	<b>3098.63</b>
<b>1000</b>	38.2	500	634	768	148.0	<b>2780.93</b>	59.3	500	634	768	223.0	<b>4157.36</b>
<b>1200</b>	45.9	500	661	822	222.0	<b>3875.22</b>	71.1	500	661	822	336.0	<b>5772.38</b>

da	SDR11 / ISO S-5					
	s	r	b	t	KG ST/PC	€ ST/PC
<b>560</b>	50.8	350	425	500	67.8	<b>1899.37</b>
<b>630</b>	57.2	350	434	519	87.4	<b>2260.27</b>
<b>710</b>	64.5	400	495	590	130.0	<b>2855.81</b>
<b>800</b>	72.6	400	507	614	203.0	<b>3452.54</b>
<b>900</b>	81.7	400	521	641	262.0	<b>4491.43</b>
<b>1000</b>	90.8	500	634	768	330.0	<b>6052.52</b>
<b>1200</b>	108.9	500	661	822	496.0	<b>8567.67</b>



stomplasfittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PE 100 RC



T-STUKKEN 90°

TES A 90°

TEES 90°

Gespoten.  
Injectés.  
Moulded.

**SDR 33 / ISO S-16**

da	L	L3	z	s	KG/ST/PC	€/ST/PC
110	223	33	109.0	3.4	0.664	28.49
125	230	40	115.0	3.9	0.530	34.84
140	253	25	125.0	4.3	1.080	38.87
160	340	57	170.0	4.9	1.731	64.84
180	365	57	182.5	5.5	2.360	80.71
200	400	57	200.0	6.2	3.140	99.65
225	435	57	217.5	6.9	4.340	177.92
250	475	70	237.0	7.7	6.320	275.14
280	540	80	270.0	8.6	8.450	350.01
315	550	80	275.0	9.7	10.980	441.88
355	684	100	342.0	10.9	16.980	618.74
400	700	104	350.0	12.3	23.400	907.12
450	900	130	450.0	13.8	33.000	1224.72
500	895	130	450.0	15.3	33.500	1589.90

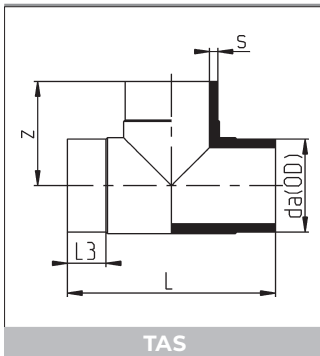
**SDR 17 / ISO S-8**

da	L	L3	z	s	KG/ST/PC	€/ST/PC
63	145	25.0	72.0	3.8	0.180	7.75
75	150	16.0	75.0	4.5	0.322	15.78
90	210	38.0	107.0	5.4	0.526	22.54
110	251	50.5	121.0	6.6	0.914	37.37
125	270	52.0	135.0	7.4	1.380	51.79
140	300	54.0	150.0	8.3	1.845	61.15
160	340	57.0	170.0	9.5	2.540	114.96
180	365	57.0	182.5	10.7	3.520	141.21
200	400	57.0	200.0	11.9	4.720	192.81
225	440	57.0	220.0	13.4	6.480	226.37
250	464	70.0	235.0	14.8	8.620	300.41
280	534	80.0	267.0	16.6	12.260	339.55
315	546	80.0	275.0	18.7	15.000	451.65
355	680	104.0	340.0	21.1	23.640	679.11
400	695	104.0	345.0	23.7	28.500	928.18
450	890	130.0	445.0	26.7	47.500	1419.79
500	890	130.0	445.0	29.7	53.500	1661.40



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PE 100 RC

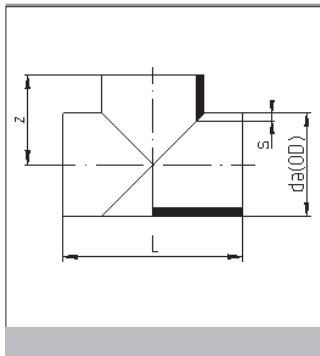


T-STUKKEN 90°  
TES A 90°  
TEES 90°

Gespoten / injectés / moulded.

SDR 11 / ISO S-5

da	L	L3	z	s	KG/ST/PC	€/ST/PC
20	68	17.5	34.0	2.0	0.013	2.38
25	80	20.5	40.0	2.3	0.021	2.38
32	90	20.5	45.0	3.0	0.039	3.00
40	100	20.5	50.0	3.7	0.065	4.76
50	120	23.0	60.0	4.6	0.122	6.43
63	144	25.0	72.0	5.8	0.225	9.95
75	152	15.0	75.0	6.8	0.408	20.03
90	212	38.0	105.0	8.2	0.701	29.94
110	253	51.0	122.0	10.0	1.240	43.95
125	277	52.0	140.0	11.4	1.880	60.51
140	304	53.0	152.0	12.7	2.480	76.69
160	340	57.0	170.0	14.6	3.440	128.98
180	365	57.0	182.5	16.4	4.600	165.30
200	400	57.0	200.0	18.2	6.320	236.87
225	440	57.0	220.0	20.5	8.560	281.72
250	466	72.0	235.0	22.7	11.160	358.40
280	536	80.0	270.0	25.4	16.200	484.58
315	540	80.0	270.0	28.6	19.700	688.35
355	680	105.0	340.0	32.2	31.320	884.92
400	695	103.0	350.0	36.3	39.300	1201.24
450	900	130.0	450.0	40.9	65.520	1745.68
500	900	130.0	450.0	45.4	73.720	2231.07



T-STUKKEN 90°, GESEGMENTEERD  
TES A 90°, SEGMENTÉES  
TEES 90°, SEGMENTED

Veiligheidsfactor / facteur de sécurité / security factor: x 0,6

da	SDR 26 / ISO S-12.5					SDR 17 / ISO S-8					SDR 11 / ISO S-5				
	s	z	L	KG	€	s	z	L	KG	€	s	z	L	KG	€
				ST/PC	ST/PC				ST/PC	ST/PC				ST/PC	ST/PC
560	21.40	540	1080	49.1	2225.66	33.2	540	1080	72.3	3337.79	50.8	540	1080	110	4968.24
630	24.10	615	1230	71.0	2757.02										
710	27.20	655	1310	98.0	3355.10	42.1	655	1310	143.0	5088.66	64.5	655	1310	221	7488.31
800	30.60	700	1400	134.0	4136.63	47.4	700	1400	192.0	6314.44	72.6	700	1400	300	9243.81
900	34.34	950	1900	222.0	6238.62	53.3	950	1900	336.0	9419.44	81.7	950	1900	496	13797.46
1000	38.20	1000	2000	291.0	7710.36	59.3	1000	2000	441.0	11617.38	90.8	1000	2000	651	17039.92
1200	45.80	-	-	-	11284.98	71.1	1100	2200	711.0	16954.78	108.9	1100	2200	1049	25250.34
1400	53.50	1200	2400	707.0	19196.36	83.0	1200	2400	1071.0	28703.79	127.0	1200	2400	1580	42693.02
1600	61.20	1300	2600	1014.0	25682.50	94.8	1300	2600	1533.0	38675.28	145.2	1300	2600	2265	57541.61
1800	68.80	1400	2800	1395.0	33541.32	106.6	1400	2800	2111.0	50884.32					
2000	76.40	1500	3000	1861.0	43350.02	118.5	1500	3000	2818.0	65662.80					

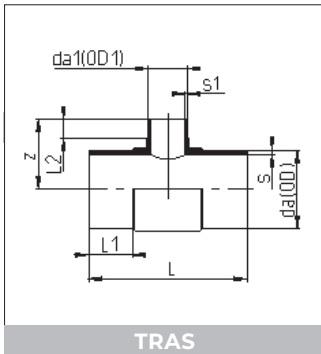


stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PE 100 RC

VERLOOP T-STUKKEN 90°  
TES REDUITS A 90°  
TEES 90° REDUCING

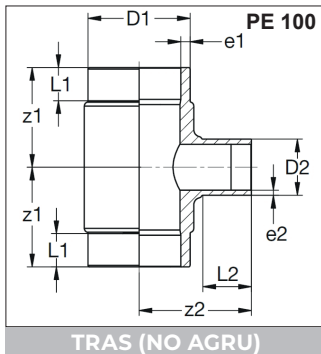
Gespoten / Injectés / Moulded.



TRAS

SDR 17 / ISO S-8

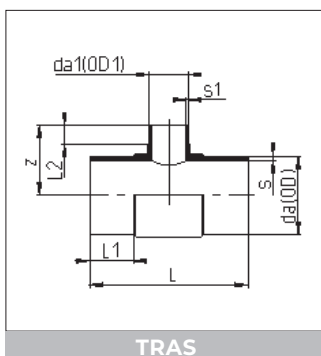
da/da1	s	z	L	L1	L2	s1	KG/ST/PC	€/ST/PC
140/ 63	8.3	120	300	86	32	3.8	1.38	65.08
140/ 75	8.3	130	300	86	35	4.5	1.38	65.37
140/ 90	8.3	130	300	86	42	5.4	1.409	66.46
140/110	8.3	139	300	53	46	6.6	1.720	67.79
160/125	9.5	150	325	62	50	7.4	2.220	126.42
180/ 63	10.7	138	358	130	32	3.8	2.140	150.10
180/ 75	10.7	140	360	120	31	4.5	2.200	150.10
180/110	10.7	152	365	104	48	6.6	2.280	154.71
180/125	10.7	161	358	96	52	7.4	2.560	154.71
225/125	13.4	180	445	140	45	7.4	4.380	246.01
500/200	29.7	405	900	133	115	11.9	48.740	2332.29



TRAS (NO AGRU)

D1-D2	e1	e2	L1	L2	z1	z2	KG/ST/PC	€/ST/PC
110- 63	6.6	*5.8	48	32	120	105	0.73	50.74
110- 90	6.6	5.4	48	38	120	115	0.75	51.12
160-110	9.5	6.6	56	38	160	145	2.13	151.51
200-160	11.9	9.5	134	114	275	265	3.70	299.47
225-110	13.4	6.6	89	88	220	264	5.52	293.91
225-125	13.4	7.4	79	32	185	205	5.54	296.31
225-160	13.4	9.5	89	60	235	200	5.51	299.25

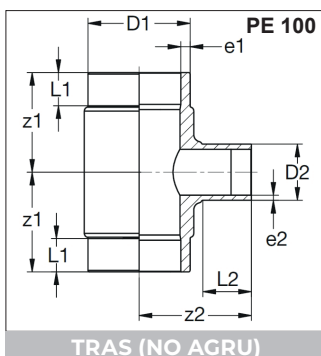
\*SDR 11



TRAS

SDR 11 / ISO S-5

da/da1	s	z	L	L1	L2	s1	KG/ST/PC	€/ST/PC
90/ 32	8.2	85	213	57	23	3.0	0.579	31.71
90/ 50	8.2	90	210	57	27	4.6	0.589	32.57
110/ 32	10.0	94	244	70	23	3.0	0.963	46.80
110/ 50	10.0	100	240	70	27	4.6	0.965	47.75
125/ 63	11.4	112	275	75	31	5.8	1.420	66.80
140/ 63	12.7	120	302	87	32	5.8	1.880	83.84
140/ 75	12.7	130	302	87	35	6.8	1.850	83.84
140/ 90	12.7	130	305	88	42	8.2	1.967	85.18
140/110	12.7	141	305	54	47	10.0	2.280	85.18
160/125	14.6	150	325	62	52	11.4	2.820	141.37
180/ 63	16.4	139	358	132	32	5.8	3.160	175.51
180/ 75	16.4	144	362	119	31	6.8	3.180	175.51
180/125	16.4	166	362	100	52	11.4	3.360	181.16
225/125	20.5	178	456	143	40	11.4	6.400	305.58
500/200	45.4	405	900	130	115	18.2	64.000	2848.04



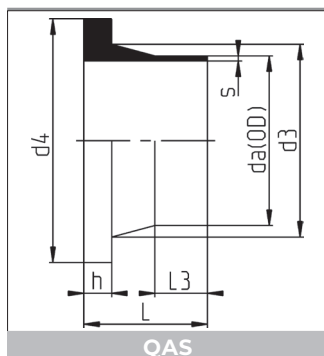
TRAS (NO AGRU)

D1-D2	e1	e2	L1	L2	z1	z2	KG/ST/PC	€/ST/PC
63- 32	5.8	3.0	22	15	67	60	0.10	23.59
110- 63	10.0	5.8	48	32	120	105	0.90	76.08
110- 90	10.0	8.2	48	38	120	115	0.97	77.70
160-110	14.5	10.0	56	38	160	145	2.81	163.18
200-160	18.2	14.6	98	53	194	178	5.20	306.19
225-110	20.5	10.0	89	88	220	264	7.07	349.57
225-125	20.5	11.4	79	32	185	205	6.39	353.34
225-160	20.5	14.6	89	60	235	200	7.21	357.67



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

**PE 100 RC**



VOORLASKRAGEN  
COLLETS  
STUBS

Gespoten / Injectés / Moulded

**SDR 33 / ISO S-16**

D	d3	d4	L	L3	s	h	KG/ST/PC	€/ST/PC
110	125	158	80	31.0	3.4	18	0.300	12.64
125	132	158	80	38.0	3.9	18	0.294	15.56
140	155	188	80	24.0	4.3	18	0.436	18.07
160	175	212	80	28.5	4.9	18	0.571	22.35
180	183	212	92	53.0	5.5	18	0.480	32.67
200	232	268	113	53.0	6.2	18	1.100	40.14
225	235	268	113	65.0	6.9	18	0.865	43.96
250	285	320	132	70.0	7.7	20	1.780	62.04
280	288	320	128	62.0	8.6	20	1.500	66.93
315	335	370	136	68.0	9.7	20	2.250	80.14
355	373	430	150	75.0	10.9	23	2.940	137.05
400	427	482	155	75.0	12.3	26	4.040	284.75
450	514	585	170	70.0	13.8	33	8.080	333.47
500	530	585	175	86.0	15.3	33	7.140	405.00
560	615	685	178	80.0	17.2	35	11.360	479.24
630	642	685	180	89.0	19.3	35	8.860	551.97
710	737	800	170	70.0	21.8	50	11.710	-

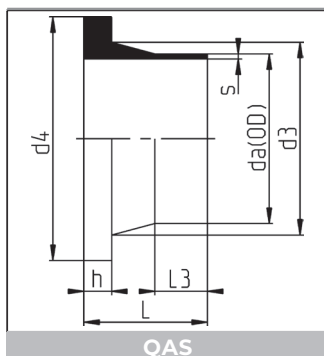
**SDR 17 / ISO S-8**

D	d3	d4	L	L3	s	h	KG/ST/PC	€/ST/PC
63	75	102	50.0	20	3.8	14	0.114	5.16
75	89	122	50.0	18	4.5	16	0.175	6.10
90	105	138	82.0	40	5.4	17	0.289	8.93
110	125	158	80.0	34	6.6	18	0.880	11.33
125	132	158	84.0	46	7.4	18	0.360	13.96
140	155	188	92.0	39	8.3	18	0.589	16.20
160	175	212	92.0	42	9.5	18	0.741	20.03
180	183	212	92.0	53	10.7	20	0.730	29.28
200	232	268	110.0	46	11.9	24	1.560	36.57
225	235	268	112.5	60	13.4	24	1.499	41.00
250	285	320	132.0	64	14.8	25	2.460	58.56
280	288	320	128.0	70	16.6	25	2.380	64.33
315	335	370	136.0	73	18.7	25	3.400	78.57
355	373	430	150.0	78	21.1	30	4.880	134.63
400	427	482	155.0	75	23.7	33	6.600	272.07
450	514	585	168.0	74	26.7	46	11.960	320.64
500	530	585	170.0	79	29.7	46	11.220	395.29
560	615	685	175.0	86	33.2	50	16.360	473.14
630	642	685	180.0	96	37.4	50	14.200	547.96
710	737	800	170.0	70	42.1	50	20.800	758.64



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PE 100 RC



VOORLASKRAGEN

COLLETS

STUBS

Gespoten / Injectés / Moulded

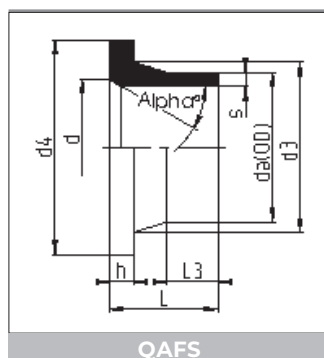
SDR 11 / ISO S-5

D	d3	d4	L	L3	s	h	KG/ST/PC	€/ST/PC
20	27	45	52.0	30.0	2.0	7	0.016	2.66
25	33	58	50.0	25.0	2.3	9	0.029	2.66
32	40	68	50.0	25.0	3.0	10	0.043	3.15
40	50	78	50.0	24.0	3.7	11	0.064	3.75
50	61	88	53.0	22.5	4.6	12	0.091	4.62
63	75	102	50.0	20.0	5.8	14	0.129	5.75
75	89	122	50.5	18.0	6.8	16	0.204	6.82
90	105	138	80.0	40.0	8.2	17	0.332	9.74
110	125	158	80.0	38.0	10.0	18	0.481	12.53
125	132	158	80.0	38.0	11.4	25	0.513	15.12
140	155	188	92.0	37.0	12.7	25	0.817	19.37
160	175	212	92.0	38.0	14.6	25	1.026	24.42
180	183	212	93.0	43.0	16.4	30	1.060	34.56
200	232	268	114.0	40.0	18.2	32	2.180	49.04
225	235	268	113.0	52.0	20.5	32	2.100	47.89
250	285	320	130.0	58.0	22.7	35	3.560	81.61
280	288	320	128.0	58.0	25.4	35	3.420	77.22
315	335	370	136.0	65.0	28.6	35	5.000	114.61
355	373	430	150.0	70.0	32.2	40	6.880	160.84
400	427	482	155.0	69.0	36.3	46	9.040	289.63
450	514	585	166.0	63.0	40.9	60	16.220	372.82
500	530	585	175.0	70.0	45.4	60	15.760	429.63
560	615	685	180.0	70.0	50.8	60	22.780	811.54
630	642	685	175.0	86.0	57.2	60	21.840	914.97
710	737	800	170.0	70.0	64.5	65	29.400	1315.12

Eveneens leverbaar: ANSI - SDR 11, D 20-315 mm

Aussi livrable: ANSI - SDR 11, D 20-315 mm

Also delivery : ANSI - SDR 11, D 20-315 mm



VOORLASKRAGEN VOOR VLINDERKLEPPEN

COLLETS CHANFREINE POUR VANNES PAPILLON

CHAMFERED STUB FLANGE FOR BUTTERFLY VALVES

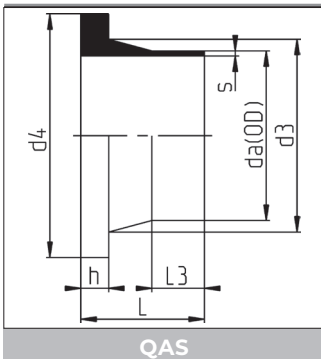
SDR 11 / ISO S-5

da	s	L	L3	d	d3	d4	h	Alpha°	KG/ST/PC	€/ST/PC
110	10.0	80	38	100	125	158	18	30°	0.440	12.62
140	12.7	92	37	125	155	188	25	30°	0.767	19.53
160	14.6	92	38	150	175	212	25	30°	0.980	24.64
180	16.4	93	43	150	183	212	30	30°	1.040	34.78
200	18.2	114	40	210	232	268	32	30°	1.880	49.03
225	20.5	113	52	210	235	268	32	30°	1.940	47.89
250	22.7	130	58	255	285	320	35	25°	3.060	81.61
280	25.4	128	58	255	288	320	35	25°	3.240	77.81
315	28.6	136	65	301	335	370	35	30°	4.400	114.61
355	32.2	150	70	338	373	430	40	30°	6.200	162.78
400	36.3	155	69	378	427	482	46	30°	8.400	291.49



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

**PE 100 RC**



VOORLASKRAGEN  
COLLETS  
STUBS

Gedraaid / Fabrication mécanique / Machined

SDR 41 / MOP 2.0 bar									SDR 33 / MOP 2.5 bar							
da	d3	d4	h	L	L3	s	KG ST/PC	€ ST/PC	d3	d4	h	L	L3	s	KG ST/PC	€ ST/PC
800	840	905	50	120	25	19.6	12	<b>2322.38</b>	840	905	50	120	25	24.5	15.6	<b>2322.38</b>
900	944	1005	55	130	25	22.0	16	<b>2754.08</b>	944	1005	55	120	25	27.6	17.0	<b>2754.08</b>
1000	1047	1110	60	140	30	24.5	21	<b>3629.98</b>	1047	1110	60	140	30	30.6	22.0	<b>3629.98</b>
1200	1245	1330	70	160	30	29.4	34	<b>4692.10</b>	1245	1330	70	160	30	36.7	36.0	<b>4692.10</b>
1400	1425	1535	80	180	40	34.3	51	<b>6884.24</b>	1425	1535	80	180	40	42.9	53.0	<b>6884.24</b>
1600	1655	1760	95	195	40	39.2	78	<b>8770.12</b>	1655	1760	95	195	40	49.0	82.0	<b>8770.12</b>
1800	1860	1960	110	210	45	44.0	108	<b>10672.79</b>	1860	1960	110	210	45	55.1	113.0	<b>10672.79</b>
2000	2070	2170	130	230	50	48.9	153	<b>17290.81</b>	2070	2170	130	230	50	61.2	161.0	<b>17290.81</b>
2250	2320	2435	150	250	50	55.0	216	<b>25916.06</b>	2320	2435	150	250	50	68.9	226.0	<b>25916.06</b>
2500	2550	2705	165	275	60	61.2	338	<b>39786.46</b>	2550	2705	165	275	60	76.5	348.0	<b>39786.46</b>

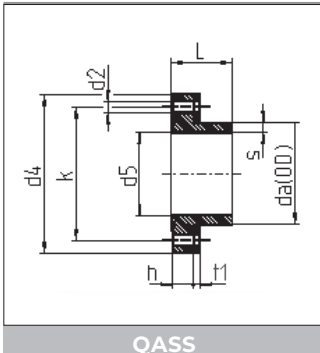
SDR 26 / MOP 3.2 bar									SDR 17 / MOP 5.0 bar							
da	d3	d4	h	L	L3	s	KG ST/PC	€ ST/PC	d3	d4	h	L	L3	s	KG ST/PC	€ ST/PC
800	840	905	55	125	25	30.6	15.0	<b>2483.21</b>	840	905	65	140	30	47.4	26	<b>2997.71</b>
900	944	1005	60	135	25	34.4	23.8	<b>2754.08</b>	944	1005	70	150	30	53.3	25	<b>3345.97</b>
1000	1047	1110	65	145	30	38.2	25.0	<b>4366.71</b>	1047	1110	75	160	35	59.3	33	<b>4366.71</b>
1200	1245	1330	75	165	30	45.9	40.0	<b>5944.28</b>	1245	1330	90	185	35	71.1	54	<b>5944.28</b>
1400	1425	1535	85	185	40	53.5	60.0	<b>7239.29</b>	1425	1535	100	200	45	83.0	76	<b>7239.29</b>
1600	1655	1760	100	200	40	61.2	90.0	<b>10087.94</b>	1655	1760	110	210	45	94.8	109	<b>10087.94</b>
1800	1860	1960	125	225	45	68.8	133.0	<b>11212.81</b>	1860	1960	125	225	50	106.5	152	<b>12810.16</b>
2000	2070	2170	140	240	50	76.4	180.0	<b>17171.69</b>	2070	2170	140	240	50	118.5	204	<b>17171.69</b>
2250	2320	2435	155	255	50	86.0	245.0	<b>26519.49</b>	2320	2435	160	260	50	133.3	284	<b>26519.49</b>
2500	2550	2705	175	285	60	95.5	367.0	<b>44560.83</b>	2550	2705	175	285	60	148.1	406	<b>49908.13</b>





stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

**PE 100 RC**



VOORLASKRAGEN MET FLENS - DIN  
COLLETS AVEC BRIDE - DIN  
STUBS WITH BACKING RING - DIN

Gedraaid voorzien van verzinkte flens en EPDM O-ring.  
Voor verbindingen van PE met metalen afsluiters waardoor een kleinere DN (NW) mogelijk is.

Fabrication mécanique avec bride galvanisé et le joint torique EPDM.  
Pour les connexions de PE avec vannes, métallique, un plus petit DN (NW) c'est possible.

Machined with galvanized backing ring and EPDM o-ring.  
For connections from PE with metal valves, making a smaller DN (NW) is possible.

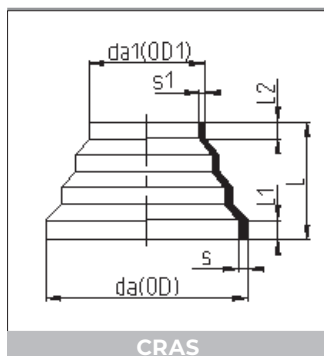
SDR 11 / ISO S-5

da/DN	PN geboord foré bored	s	L	d2	k	d4	h	t1	KG/ST/PC	€/ST/PC	
160/125	10/16	14.6	95	18	132.3	210	250	33	10	3.4	<b>358.67</b>
180/125	10/16	16.4	100	18	148.9	210	250	38	10	3.2	<b>360.58</b>
200/150	10/16	18.2	102	22	165.4	240	285	40	10	4.4	<b>404.75</b>
250/200	16	22.7	110	22	206.9	295	340	43	15	7.2	<b>606.47</b>
250/200	10	22.7	110	22	206.9	295	340	43	15	7.6	<b>606.47</b>
315/250	16	28.6	135	26	260.7	355	405	43	20	12.0	<b>788.91</b>
315/250	10	28.6	135	22	260.7	355	395	43	20	11.0	<b>788.91</b>



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PE 100 RC



CRAS

CONCENTRICHE VERLOOPSTUKKEN  
REDUCTIONS CONCENTRIQUES  
CONCENTRIC REDUCERS

**Gespoten.**

Opmerkingen :

- Deze verloopstukken zijn voor elke gewenste vermindering tussen de diameters 630 en 16 mm door afzagen, resp. aan elkaar te lassen, te gebruiken.

**Injectées.**

Remarques :

- Ces réductions sont utilisables dans tous les diamètres, entre 630 et 16 mm, par le sciage et le soudage bout à bout.

**Moulded.**

Remarks :

- These reductions can be sawn off (or be welded together) at the desired diameter between 630 and 16 mm.

**SDR 33 / ISO S-16**

da	da1	L	L1	L2	s	s'	KG/ST/PC	€/ST/PC
110	63	62	9	6	3.4	2.0	0.052	12.32
125	75	72	13	8	3.9	2.3	0.104	14.10
160	110	83	13	13	4.9	3.4	0.174	44.72
225	160	90	15	12	6.9	4.9	0.410	113.05
315	225	130	25	20	9.7	6.9	1.160	130.58
450	315	181	27	20	13.8	9.7	3.600	447.22
630	450	188	30	20	19.3	13.8	9.200	552.99

**SDR 17 / ISO S-16**

da	da1	L	L1	L2	s	s'	KG/ST/PC	€/ST/PC
75	32	71	10	9	4.5	2.0	0.04	9.91
110	63	62	9	6	6.6	3.8	0.10	12.99
125	75	72	13	8	7.4	4.5	0.16	14.78
160	110	83	13	13	9.5	6.6	0.30	48.15
225	160	90	15	12	13.4	9.5	0.68	127.00
315	225	130	25	20	18.7	13.4	1.92	144.06
450	315	167	27	20	26.7	18.7	5.02	494.32
630	450	188	30	20	37.4	26.7	4.50	745.11

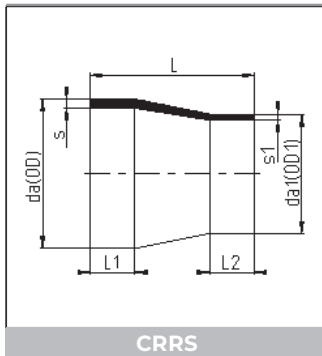
**SDR 11 / ISO S-5**

da	da1	L	L1	L2	s	s'	KG/ST/PC	€/ST/PC
63	16	97	10	8	5.8	1.8	0.04	6.47
75	32	71	10	9	6.8	3.0	0.06	10.34
110	63	62	9	6	10.0	5.8	0.14	13.71
125	75	72	13	8	11.4	6.8	0.23	15.47
160	110	83	13	13	14.6	10.0	0.43	51.60
225	160	90	15	12	20.5	14.6	1.02	139.95
315	225	130	25	20	28.6	20.5	2.68	154.30
450	315	181	40	20	40.9	28.6	7.82	549.11



stomplasmafittings  
raccords pour le soudage bout à bout  
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CONCENTRISCHE VERLOOPSTUKKEN  
REDUCTIONS CONCENTRIQUES  
CONCENTRIC REDUCERS

SDR 17 / ISO S-8

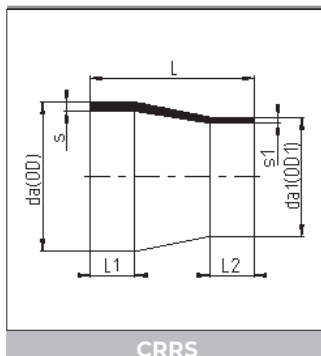
da	da1	L	L1	L2	S	S1	KG/ST/PC	€/ST/PC
75	63	60.0	19	18	4.5	3.8	0.056	9.10
90	63	70.0	22	18	5.4	3.8	0.087	10.16
90	75	65.0	22	19	5.4	4.5	0.092	10.16
110	63	88.0	28	18	6.6	3.8	0.154	12.90
110	75	85.0	28	19	6.6	4.5	0.161	12.90
110	90	85.0	28	22	6.6	5.4	0.172	12.90
125	63	91.0	32	18	7.4	3.8	0.240	16.60
125	75	100.0	32	19	7.4	4.5	0.236	16.60
125	90	86.0	32	22	7.4	5.4	0.210	16.60
125	110	89.0	32	28	7.4	6.6	0.226	16.60
140	75	110.0	35	19	8.3	4.5	0.330	20.09
140	90	110.0	35	22	8.3	5.4	0.370	20.09
140	110	100.0	35	28	8.3	6.6	0.328	20.09
140	125	95.0	35	32	8.3	7.4	0.305	23.44
160	90	101.5	40	22	9.5	5.4	0.405	23.44
160	110	101.5	40	28	9.5	6.6	0.430	23.44
160	125	118.0	40	32	9.5	7.4	0.468	23.44
160	140	118.0	40	35	9.5	8.3	0.494	23.44
180	90	157.0	45	22	10.7	5.4	0.829	36.87
180	110	157.0	45	28	10.7	6.6	0.809	34.69
180	125	117.0	45	32	10.7	7.4	0.575	31.99
180	140	136.0	45	35	10.7	8.3	0.704	30.37
180	160	124.5	45	40	10.7	9.5	0.660	29.02
200	140	137.0	50	35	11.9	8.3	0.829	83.07
200	160	131.5	50	40	11.9	9.5	0.854	73.40
200	180	137.0	50	45	11.9	10.7	0.951	65.61
225	140	162.0	55	35	13.4	8.3	1.202	99.13
225	160	137.0	55	40	13.4	9.5	1.040	85.07
225	180	162.0	55	45	13.4	10.7	1.315	85.07
225	200	162.0	55	50	13.4	11.9	1.422	85.07
250	160	151.0	60	40	14.8	9.5	1.360	113.56
250	180	177.0	60	45	14.8	10.7	1.680	105.11
250	200	148.0	60	50	14.8	11.9	1.480	96.68
250	225	142.0	60	55	14.8	13.4	1.600	91.95
280	200	202.0	70	50	16.6	11.9	2.620	126.40
280	225	202.0	70	55	16.6	13.4	2.840	117.89
280	250	165.5	70	70	16.6	14.8	2.150	114.87
315	200	195.0	80	80	18.7	11.9	2.994	161.41
315	225	208.0	80	80	18.7	13.4	3.200	142.81
315	250	185.0	80	80	18.7	14.8	2.980	130.09
315	280	198.0	80	80	18.7	16.6	3.800	121.84

Diam. t.e.m. 630 mm op aanvraag.  
Diam. jusqu'à 630 mm sur demande.  
Diam up to 630 mm on request.



stomplasmittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PE 100 RC



CRRS

CONCENTRICHE VERLOOPSTUKKEN  
REDUCTIONS CONCENTRIQUES  
CONCENTRIC REDUCERS

SDR 11 / ISO S-5

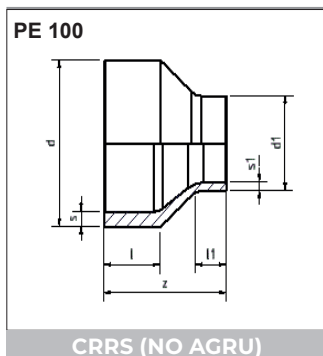
da	da1	L	L1	L2	S	S1	KG/ST/PC	€/ST/PC
25	20	33	14	14	3.0	3.0	0.007	4.43
32	20	40	14	14	3.0	3.0	0.009	5.12
32	25	40	14	14	3.0	3.0	0.010	5.12
40	20	42	14	14	3.7	3.0	0.013	5.86
40	25	42	14	14	3.7	3.0	0.015	5.86
40	32	39	14	14	3.7	3.0	0.018	5.86
50	25	47	14	14	4.6	3.0	0.023	6.16
50	32	41	14	14	4.6	3.0	0.022	6.16
50	40	47	14	14	4.6	3.7	0.028	6.16
63	32	57	18	14	5.8	3.0	0.040	7.44
63	40	48	18	14	5.8	3.7	0.045	7.44
63	50	57	18	14	5.8	4.6	0.053	7.44
75	32	70	19	14	6.8	3.0	0.071	9.54
75	40	70	19	14	6.8	3.7	0.060	9.54
75	50	63	19	14	6.8	4.6	0.077	9.54
75	63	59	19	18	6.8	5.8	0.077	9.54
90	50	76	22	14	8.2	4.6	0.116	10.64
90	63	68	22	18	8.2	5.8	0.113	10.64
90	75	68	22	19	8.2	6.8	0.128	10.64
110	50	90	28	14	10.0	4.6	0.225	13.55
110	63	88	28	18	10.0	5.8	0.200	13.55
110	75	85	28	19	10.0	6.8	0.207	13.55
110	90	85	28	22	10.0	8.2	0.220	13.55
125	63	100	32	18	11.4	5.8	0.293	17.33
125	75	100	32	19	11.4	6.8	0.320	17.33
125	90	89	32	22	11.4	8.2	0.304	17.33
125	110	89	32	28	11.4	10.0	0.329	17.33
140	75	110	35	19	12.7	6.8	0.459	21.00
140	90	100	35	22	12.7	8.2	0.493	21.00
140	110	100	35	28	12.7	10.0	0.440	21.00
140	125	92	35	32	12.7	11.4	0.445	21.00
160	90	108	40	22	14.6	8.2	0.552	24.65
160	110	108	40	28	14.6	10.0	0.639	24.65
160	125	114	40	32	14.6	11.4	0.686	24.65
160	140	114	40	35	14.6	12.7	0.660	24.65
180	90	157	45	22	16.4	8.2	0.960	38.69
180	110	157	45	28	16.4	10.0	1.060	36.44
180	125	120	45	32	16.4	11.4	0.820	33.58
180	140	136	45	35	16.4	12.7	1.030	31.88
180	160	123	45	40	16.4	14.6	0.960	30.40
200	140	137	50	35	18.2	12.7	1.174	87.15
200	160	134	50	40	18.2	14.6	1.240	77.06
200	180	137	50	45	18.2	16.4	1.361	68.99
225	140	162	55	35	20.5	12.8	1.860	103.44
225	160	137	55	40	20.5	14.6	1.590	89.31
225	180	162	55	45	20.5	16.4	1.880	84.99
225	200	162	55	50	20.5	18.2	2.013	74.96
250	160	160	60	45	22.7	14.6	2.000	119.23
250	180	177	60	45	22.7	16.4	2.660	110.41
250	200	144	60	50	22.7	18.2	2.120	101.56
250	225	144	60	55	22.7	20.5	2.260	96.19
280	200	188	70	50	25.4	18.2	3.740	132.81
280	225	202	70	55	25.4	20.5	3.800	123.84
280	250	165	70	80	25.4	22.7	3.200	119.23
315	200	200	80	50	28.6	18.2	4.200	169.54
315	225	209	80	55	28.6	20.5	4.560	149.96
315	250	185	80	60	28.6	22.7	4.340	136.53
315	280	198	80	70	28.6	25.4	5.660	128.91

Diam. t.e.m. 630 mm op aanvraag.  
Diam. jusqu'à 630 mm sur demande.  
Diam up to 630 mm on request.



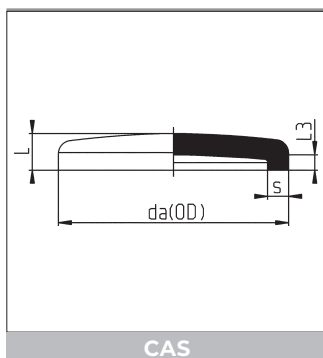
stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

**PE 100**



CONCENTRISCHE VERLOOPSTUKKEN  
REDUCTIONS CONCENTRIQUES  
CONCENTRIC REDUCERS

d	d1	Z	l	l1	SDR 17			SDR 11		
					s	s'	€/ST/PC	s	s'	€/ST/PC
355	225	140	57	40	21.1	13.4	<b>244.30</b>	32.2	20.5	<b>276.73</b>
355	250	265	95	70	21.1	14.8	<b>243.47</b>	32.2	22.7	<b>249.44</b>
355	280	270	95	80	21.1	16.6	<b>226.06</b>	32.2	25.4	<b>233.10</b>
355	315	270	95	90	21.1	18.7	<b>234.60</b>	32.2	28.6	<b>224.72</b>
400	280	295	105	80	23.7	16.6	<b>646.62</b>	36.3	25.4	<b>731.21</b>
400	315	300	105	90	23.7	18.7	<b>609.11</b>	36.3	28.6	<b>693.46</b>
400	355	295	105	95	23.7	21.1	<b>407.72</b>	36.3	32.2	<b>495.15</b>
450	315	168	56	40	26.7	18.7	<b>930.07</b>	40.9	28.6	<b>930.15</b>
450	355	143	52	43	26.7	21.1	<b>896.30</b>	40.9	32.2	<b>896.39</b>
450	400	143	60	57	26.7	23.7	<b>521.12</b>	41.0	36.4	<b>663.82</b>
500	355	161	57	38	29.7	21.1	<b>889.83</b>	45.4	32.2	<b>913.07</b>
500	400	160	57	58	29.7	23.7	<b>767.84</b>	45.4	36.3	<b>848.76</b>
500	450	120	60	40	29.7	26.7	<b>810.31</b>	45.5	41.0	<b>923.72</b>
560	400	196	72	37	33.2	23.7	<b>1063.15</b>	50.8	36.6	<b>1154.62</b>
560	450	196	79	60	33.2	26.7	<b>869.21</b>	50.8	40.9	<b>945.88</b>
560	500	177	77	75	33.2	29.7	<b>763.11</b>	50.8	45.5	<b>830.26</b>
630	450	200	60	40	37.4	26.7	<b>1179.80</b>	57.2	40.9	<b>1267.63</b>
630	500	150	67	40	37.4	29.7	<b>1157.28</b>	57.3	45.5	<b>1228.18</b>
630	560	130	64	40	37.4	33.2	<b>959.48</b>	57.3	51.0	<b>1007.39</b>
710	560	195	67	49	42.1	33.2	<b>1401.88</b>			
710	630	144	60	46	42.1	37.4	<b>1140.31</b>			
800	710	167	68	52	47.4	42.1	<b>1484.20</b>			
900	800	156	68	43	53.3	47.4	<b>1667.03</b>			
1000	900	190	67	75	59.3	53.3	<b>2265.61</b>			



EINDKAP  
BOUCHON  
END CAPS

Gespoten  
Injectés  
Moulded

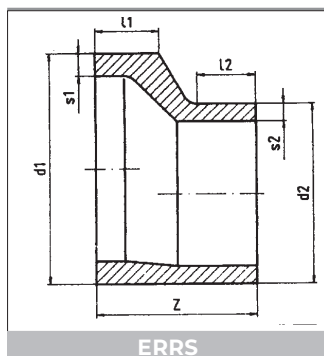
SDR 11 / ISO S-5

da	L3	L	s	KG/ST/PC	€/ST/PC
355	63	124	32.2	6.40	<b>283.64</b>
400	72	132	36.3	8.72	<b>388.86</b>
450	64	140	40.9	11.55	<b>539.80</b>
500	65	160	45.4	14.80	<b>677.04</b>



stomplasmafittings  
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fittings for butt welding

**PE 100**



EXCENTRICHE VERLOOPSTUKKEN  
REDUCTIONS EXCENTRIQUES  
EXCENTRIC REDUCERS

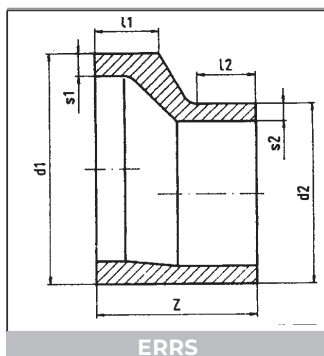
d1	d2	SDR 17			SDR 11		
		s1	s2	z	s1	s2	z
160	90	9.1	5.1	150	14.6	8.2	150
160	110	9.1	6.3	130	14.6	10.0	135
160	125	9.1	7.1	120	14.6	11.4	120
160	140	9.1	8.0	105	14.6	12.8	105
180	110	10.2	6.3	150	16.4	10.0	150
180	125	10.2	7.1	140	16.4	11.4	140
180	140	10.2	8.0	125	16.4	12.8	125
180	160	10.2	9.1	105	16.4	14.6	105
200	125	11.4	7.1	155	18.2	11.4	155
200	140	11.4	8.0	145	18.2	12.8	145
200	160	11.4	9.1	125	18.2	14.6	125
200	180	11.4	10.2	105	18.2	16.4	105
225	140	12.8	8.0	170	20.5	12.8	165
225	160	12.8	9.1	150	20.5	14.6	150
225	180	12.8	10.2	130	20.5	16.4	130
225	200	12.8	11.4	110	20.5	18.2	110
250	160	14.2	9.1	175	22.8	14.6	175
250	180	14.2	10.2	155	22.8	16.4	155
250	200	14.2	11.4	135	22.8	18.2	135
250	225	14.2	12.8	110	22.8	20.5	110
280	180	15.9	10.2	185	25.5	16.4	185
280	200	15.9	11.4	165	25.5	18.2	165
280	225	15.9	12.8	140	25.5	20.5	140
280	250	15.9	14.2	115	25.5	22.8	115
315	200	17.9	11.4	200	28.7	18.2	210
315	225	17.9	12.8	175	28.7	20.5	185
315	250	17.9	14.2	150	28.7	22.8	160
315	280	17.9	15.9	120	28.7	25.5	135
355	225	20.1	12.8	210	32.3	20.5	225
355	250	20.1	14.2	190	32.3	22.8	200
355	280	20.1	15.9	160	32.3	25.5	175
355	315	20.1	17.9	135	32.3	28.7	150
400	250	22.7	14.2	235	36.4	22.8	245
400	280	22.7	15.9	205	36.4	25.5	215
400	315	22.7	17.9	180	36.4	28.7	195
400	355	22.7	20.1	145	36.4	32.3	155
450	280	25.5	15.9	255	41.0	25.5	265
450	315	25.5	17.9	230	41.0	28.7	240
450	355	25.5	20.1	195	41.0	32.3	205
450	400	25.5	22.7	150	41.0	36.4	160
500	315	28.3	17.9	290	45.5	28.7	290
500	355	28.3	20.1	250	45.5	32.3	255
500	400	28.3	22.7	210	45.5	36.4	210
500	450	28.3	25.5	160	45.5	41.0	165
560	400	31.7	22.7	265	51.0	36.4	280
560	450	31.7	25.5	220	51.0	41.0	235
560	500	31.7	28.3	180	51.0	45.5	195
630	450	35.7	25.5	290	57.3	41.0	300
630	500	35.7	28.3	250	57.3	45.5	265
630	560	35.7	31.7	195	57.3	51.0	210
710	560	40.2	31.7	270			
710	630	40.2	35.7	205			
800	560	-	-	360			
800	630	45.3	35.7	290			
800	710	45.3	40.2	225			
900	630	-	-	400			
900	710	51.0	40.2	330			
900	800	51.0	45.3	250			
1000	710	-	-	430			
1000	800	56.6	45.3	345			
1000	900	56.6	51.0	250			

prijzen op aanvraag  
prix sur demande  
prices on request



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

**PE 100**



EXCENTRICHE VERLOOPSTUKKEN  
REDUCTIONS EXCENTRIQUES  
EXCENTRIC REDUCERS

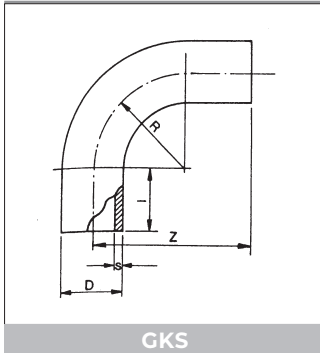
d1	d2	SDR 33			SDR 17			SDR 11		
		s1	s2	Z	s1	s2	Z	s1	s2	Z
630	450	19.6	14.0	260	35.7	25.5	260	57.3	41.0	270
630	500	19.6	15.5	210	35.7	28.3	220	57.3	45.5	230
630	560	19.6	17.4	160	35.7	31.7	170	57.3	51.0	180
710	560	22.1	17.4	230	40.2	31.7	240			
710	630	22.1	19.6	170	40.2	35.7	180			
800	630	24.9	19.6	250	45.3	35.7	270			
800	710	24.9	22.1	180	45.3	40.2	190			
900	710	28.0	22.1	270	51.0	40.2	280			
900	800	28.0	24.9	190	51.0	45.3	210			
1000	800	31.1	24.9	290	56.6	45.3	300			
1000	900	31.1	28.0	190	56.6	51.0	220			
1200	1000	37.3	31.1	290						

prijzen op aanvraag / prix sur demande / prices on request



stompasfittings  
raccords pour le soudage bout à bout  
fittings for butt welding

**PE 100**



BOCHTEN 90° R=1.5D  
COURBES A 90° R=1.5D  
BENDS 90° R=1.5D

Uit buis naadloos gedrukt, ook op 60°, 45°, 30°, 22°, 11°  
Autres radius 2.5D, 3D, 3.5D, R<sub>i</sub> = 700 mm, R<sub>i</sub> = 1100 mm

Réalisées à partir de tuyaux, aussi à 60°, 45°, 30°, 22°, 11°  
Autres rayons 2.5D, 3D, 3.5D, R<sub>i</sub> = 700 mm, R<sub>i</sub> = 1100 mm

Pressed out of pipe, also in 60°, 45°, 30°, 22°, 11°  
Other radius 2.5D, 3D, 3.5D, R<sub>i</sub> = 700 mm, R<sub>i</sub> = 1100 mm

D	R	Z	I
50	75	200	100
63	95	220	100
75	113	260	100
90	135	300	150
110	165	380	150
125	188	400	150
140	210	440	150
160	240	480	150
180	270	530	150
200	300	560	150
225	338	590	150
250	375	730	250
280	420	750	250
315	496	900	300
355	560	1000	300
400	637	1050	300
450	711	1150	300
500	783	1300	350
560	877	1350	350
630	955	1600	350
710	1128	1900	350
800	1274	2000	350
900	1430	2200	400

prijzen op aanvraag / prix sur demande / prices on request

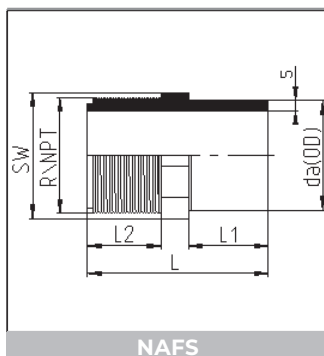
Tolerantie / tolerance : +/- 5°





stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PE 100 RC



NAFS

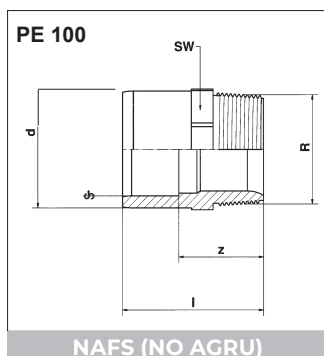
OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

Gespoten, S-5/SDR 11. Eén zijde buitendraad (BSP draad).  
Alleen geschikt voor kunststof draadverbindingen.  
NPT op aanvraag.

Injectés, S-5/SDR 11. Un côté mâle (à filetage BSP).  
Uniquement pour des connection matières synthétiques.  
NPT sur demande.

Moulded, S-5/SDR 11. One end male threaded (thread BSP).  
Only for plastic threaded connections.  
NPT on request.

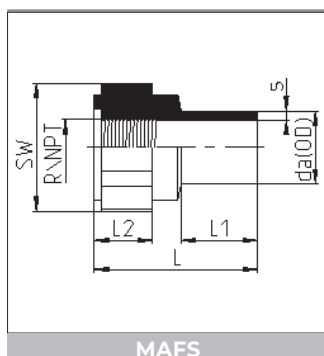
da	s	L	L1	L2	SW	R	K	E	KG/ST/PC	€/ST/PC
20	2.0	46	20.5	18.0	22	1/2"	18.63	20.96	0.007	5.30
25	2.3	51	22.5	20.0	27	3/4"	24.12	26.44	0.010	6.33
32	3.0	61	29.0	24.0	36	1 "	30.29	33.25	0.020	7.99
40	3.7	66	29.0	26.5	46	1 1/4"	38.95	41.91	0.035	9.64
50	4.6	74	33.0	29.0	55	1 1/2"	44.85	47.80	0.059	15.82
63	5.8	80	35.0	32.5	65	2 "	56.66	59.61	0.090	19.97



NAFS (NO AGRU)

Niet / non / no AGRU: max. 8 bar

da	s	l	z	SW	R	KG/ST/PC	€/ST/PC
25	2.3	45	29	26	1/2"	0.01	12.06
32	3.0	47	31	34	3/4"	0.02	14.65
40	3.7	58	36	44	1 "	0.04	18.34
50	4.6	63	43	49	1 1/4"	0.06	20.60
63	5.8	72	52	65	1 1/2"	0.09	34.95



MAFS

OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

Gespoten, S-5/SDR 11. Eén zijde binnendraad. GFK versterkt.  
Alleen geschikt voor kunststof draadverbindingen.  
NPT op aanvraag.

Injectés, S-5/SDR 11. Un côté femelle. Renforcé fibre de verre.  
Uniquement pour des connection matières synthétiques.  
NPT sur demande.

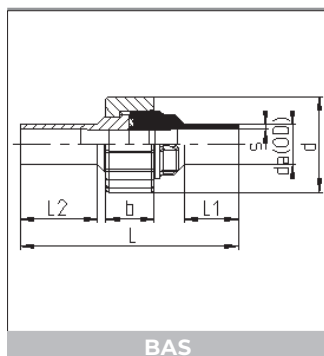
Moulded, S-5/SDR 11. One end female threaded. Glassfiber reinforced.  
Only for plastic threaded connections.  
NPT on request.

da	s	L	L1	L2	SW	R	K	E	KG/ST/PC	€/ST/PC
20	2.0	45	21	16.0	32	1/2"	18.63	20.96	0.014	6.75
25	2.3	51	24	18.0	41	3/4"	24.12	26.44	0.026	7.63
32	3.0	58	30	20.0	46	1 "	30.29	33.25	0.034	10.00
40	3.7	62	30	24.0	55	1 1/4"	38.95	41.91	0.054	11.46
50	4.6	68	34	25.5	70	1 1/2"	44.85	47.80	0.097	18.03
63	5.8	75	36	30.0	85	2 "	56.66	59.61	0.160	22.58



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PE 100 RC

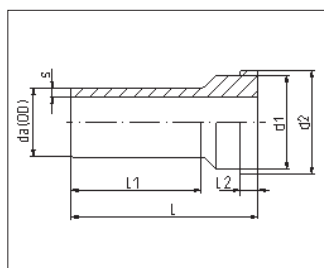


DRIEDELIGE KOPPELINGEN  
RACCORDS UNION  
UNION SOCKETS

Gespoten SDR 11- ISO S5. O-ring in FPM. moer PP/GVK  
Injectés SDR 11- ISO S5. Joint torique en FPM. écrou PP/FRP  
Moulded SDR 11- ISO S5. O-ring in FPM. nut PP/FRP

SDR 11 / ISO S-5

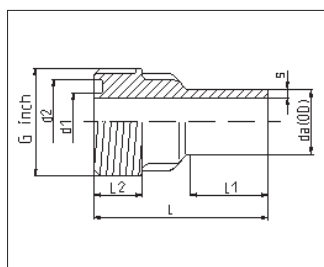
da	s	L	L1	L2	d	b	KG/ST/PC	€/ST/PC
20	2.0	108	24.0	38	47	24	0.049	19.58
25	2.3	114	24.0	39	57	26	0.075	21.31
32	3.0	122	25.0	39	64	30	0.106	25.63
40	3.7	128	25.0	42	78	31	0.178	36.20
50	4.6	134	25.0	44	89	35	0.243	51.20
63	5.8	138	25.0	44	109	39	0.390	69.70
75	6.8	132	28.0	37	130	40	0.655	88.80
90	8.2	133	35.5	57	130	40	0.670	91.82



Inlegdeel / piece d'insertion / union end

SDR 11 / ISO S-5

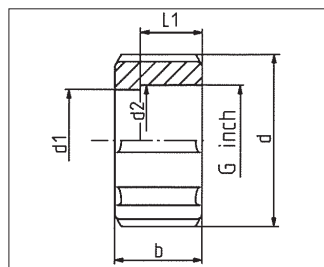
da	s	L	L1	L2	d1	d2	KG/ST/PC	€/ST/PC
20	2.0	54.0	38	5.0	27.3	29.9	0.011	8.97
25	2.3	57.0	39	5.0	35.7	38.6	0.018	9.51
32	3.0	60.0	40	5.0	41.3	44.5	0.027	11.92
40	3.7	65.0	42	6.0	52.6	56.3	0.046	12.33
50	4.6	67.0	44	7.0	58.6	62.4	0.061	13.94
63	5.8	69.0	44	7.5	73.6	78.0	0.103	22.52
75	6.8	66.0	37	9.0	90.0	101.0	0.101	22.52
90	8.2	66.5	57	9.0	90.0	101.0	0.101	23.09



Inschroefdeel / piece à visser / union bush

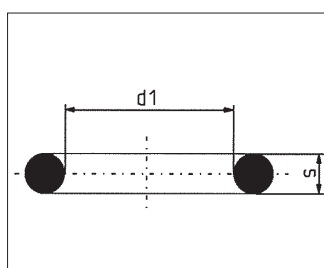
SDR 11 / ISO S-5

da	s	L	L1	L2	d1	d2	G/inch	KG/ST/PC	€/ST/PC
20	2.0	54.0	26.5	15	17.9	26.3	1"	0.016	9.99
25	2.3	57.0	24.0	16	25.8	34.2	1 1/4"	0.025	11.61
32	3.0	60.0	26.0	17	30.4	39.3	1 1/2"	0.033	15.05
40	3.7	63.0	25.0	19	37.9	50.3	2"	0.060	16.58
50	4.6	66.0	25.0	22	44.3	56.7	2 1/4"	0.072	24.15
63	5.8	69.0	25.0	24	57.1	69.4	2 3/4"	0.124	30.03
75	6.8	66.0	28.0	22	70.6	81.6	S107.5 x 3.6	0.131	31.50
90	8.2	66.5	35.5	22	83.0	94.0	S107.5 x 3.6	0.189	33.18



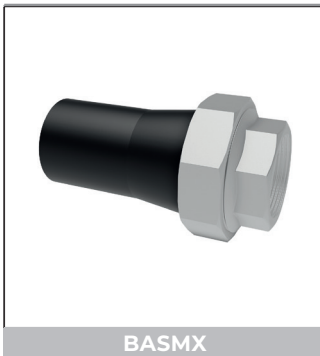
Moer / écrou / nut - PP/FRP

da	L1	d	d1	d2	b	G/inch	KG/ST/PC	€/ST/PC
20	17.0	47	27.7	30.3	24.0	1"	0.021	5.49
25	18.5	57	36.1	39.0	26.0	1 1/4"	0.030	5.50
32	20.0	64	41.7	44.9	30.0	1 1/2"	0.044	5.09
40	22.5	78	53.2	56.7	31.0	2"	0.065	16.26
50	25.0	89	59.2	62.8	35.5	2 1/4"	0.094	25.93
63	27.0	109	74.2	78.5	39.0	2 3/4"	0.160	34.53
75/90	31.0	130	90.7	102.1	40.0	S107.5 x 3.6	0.310	55.83



O-ring / joint O / O-ring - FPM

da	s	d1	KG/ST/PC	€/ST/PC
20	3.53	20.22	0.005	1.23
25	3.53	28.17	0.005	1.55
32	3.53	32.92	0.002	1.97
40	5.33	40.64	0.010	3.46
50	5.33	47.00	0.007	4.69
63	5.33	59.70	0.009	5.84
75	5.30	69.20	0.008	6.33
90	5.30	81.90	0.013	6.94



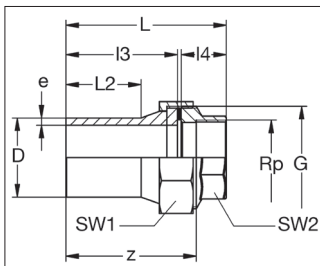
DRIEDELIGE KOPPELINGEN PE STOMPLAS EN RVS BINNENDRAAD  
 RACCORDS UNION PE BOUT A BOUT ET FILLETAGE FEMELLE INOX  
 UNION SOCKET PE BUTT WELD AND STAINLESS STEEL FEMALE THREADED

PE100 / V2A / RVS 303 / EPDM  
 SDR 11

D x RP	e	G/inch BSP	L1	L2	I1	I2	z	SW1	SW2	KG ST/PC	€ ST/PC
25 x 3/4"	2.3	1 1/4"	82	36	56	23	67	47	31	0.23	23.59
32 x 1"	3.0	1 1/2"	94	42	65	26	77	53	38	0.28	27.58
40 x 1 1/4"	3.7	2"	102	45	71	28	83	66	47	0.45	38.20
50 x 1 1/2"	4.6	2 1/4"	113	52	81	29	94	72	53	0.61	46.85
63 x 2"	5.8	2 3/4"	126	57	89	34	102	89	66	1.07	57.94
75 x 2 1/2"	6.8	3 1/2"	179	71	130	46	152	109	82	1.67	106.54
90 x 3"	8.2	4"	205	76	150	52	175	123	96	2.29	135.88
110 x 4"	10.0	5"	233	88	170	60	197	150	124	3.56	180.17

RVS 316 / 1.4401 : op aanvraag / sur demande / on request.

Apart verkrijgbaar : HDPE inlegdeel, o-ring en stalen delen.  
 Disponible séparément : insert en PEHD, joint torique et pièces en acier.  
 Available separately: HDPE insert, o-ring and steel parts.



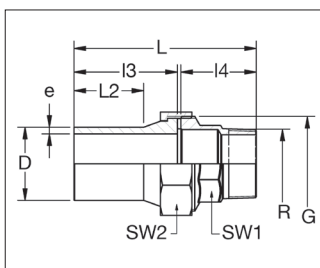
DRIEDELIGE KOPPELINGEN PE STOMPLAS EN RVS BUITENDRAAD  
 RACCORDS UNION PE BOUT A BOUT ET FILLETAGE MALE INOX  
 UNION SOCKET PE BUTT WELD AND STAINLESS STEEL MALE THREADED

PE100 / V2A / RVS 303 / EPDM  
 SDR 11

D x RP	e	G/inch BSP	L1	L2	I1	I2	SW1	SW2	KG ST/PC	€ ST/PC
25 x 3/4"	2.3	1 1/4"	109	36	56	50	47	31	0.26	24.63
32 x 1"	3.0	1 1/2"	122	42	65	54	53	38	0.38	28.20
40 x 1 1/4"	3.7	2"	128	45	71	54	66	47	0.59	38.93
50 x 1 1/2"	4.6	2 1/4"	146	52	81	62	72	53	0.77	51.70
63 x 2"	5.8	2 3/4"	161	57	89	69	89	66	1.19	68.07
75 x 2 1/2"	6.8	3 1/2"	152	71	130	78	109	82	2.02	112.36
90 x 3"	8.2	4"	240	76	150	87	123	96	2.61	143.36
110 x 4"	10.0	5"	273	88	170	100	150	124	4.44	197.38

RVS 316 / 1.4401 : op aanvraag / sur demande / on request.

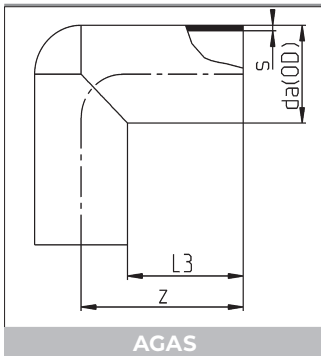
Apart verkrijgbaar : HDPE inlegdeel, o-ring en stalen delen.  
 Disponible séparément : insert en PEHD, joint torique et pièces en acier.  
 Available separately: HDPE insert, o-ring and steel parts.





stomplas- en electromoflasfittings - IR  
 raccords pour le soudage bout à bout et electrosoudable - IR  
 fittings for butt and electro socket welding - IR

**PE 100 RC**



KNIEEN 90°  
 COUDES A 90°  
 ELBOWS 90°

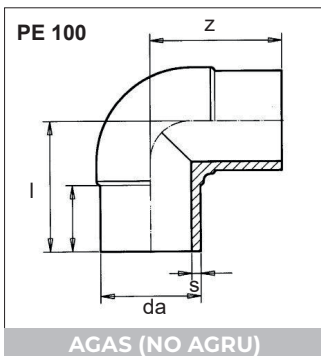
Met verlengde benen, gespoten.  
 Ook geschikt voor electromoflas.

Coudes injectés, à branches allongées.  
 Convient aussi pour l'electro-soudage dans l'emboîture.

Elongated, moulded.  
 Also suitable for electro socket welding.

**SDR 7.4 / ISO S-3.2**

da	L3	z	s	KG/ST/PC	€/ST/PC
63	76.0	109.0	8.6	0.309	<b>20.92</b>
75	84.5	124.5	10.3	0.504	<b>26.01</b>
90	82.5	126.0	12.3	0.752	<b>32.57</b>
110	88.0	145.5	15.1	1.221	<b>62.41</b>
125	101.0	165.0	17.1	1.794	<b>77.11</b>
160	101.0	180.0	21.9	3.260	<b>116.59</b>
200	114.5	214.0	27.4	5.900	<b>174.39</b>



**Niet / non / no AGRU**

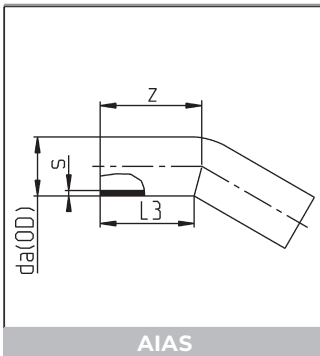
da	SDR 17 / ISO S-8					SDR 11 / ISO S-5				
	l	z	s	KG/ST/PC	€/ST/PC	l	z	s	KG/ST/PC	€/ST/PC
355	170	410	21.1	22.70	<b>939.61</b>	170	410	32.2	30.20	<b>1178.68</b>
400	187	469	23.7	30.70	<b>1216.13</b>	187	469	36.3	41.70	<b>1534.73</b>
450	202	522	26.7	43.40	<b>1683.68</b>	202	522	40.9	58.90	<b>2007.91</b>
500	222	562	29.7	60.10	<b>2763.21</b>	222	562	45.4	79.50	<b>2897.58</b>

Kleinere diameters: zie SAS  
 Diamètres plus petits: voir SAS  
 Smaller diameters: see SAS



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

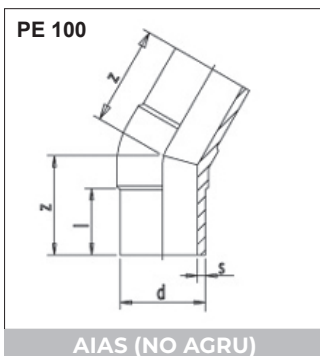
**PE 100**



BOCHTEN 30°  
COURBES A 30°  
BENDS 30°

Met verlengde benen, gespoten 200 mm.  
Courbes injectées à branches allongées 200mm.  
Elongated, moulded 200 mm.

da	SDR 17 / ISO S-8					SDR 11 / ISO S-5				
	L3	z	s	KG/ST/PC	€/ST/PC	L3	z	s	KG/ST/PC	€/ST/PC
<b>90</b>	192	208.5	5.4	0.616	<b>43.79</b>	192	208.5	8.2	0.880	<b>49.22</b>
<b>110</b>	195	216.5	6.6	1.086	<b>56.74</b>	195	216.5	10.0	1.456	<b>61.76</b>
<b>160</b>	206	230.0	9.5	2.380	<b>117.44</b>	206	230.0	14.6	3.260	<b>131.05</b>



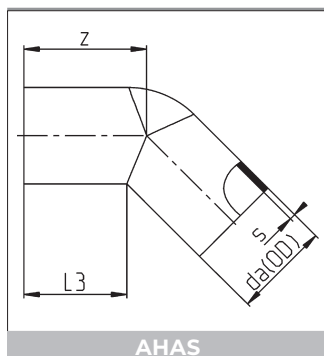
Niet / non / no AGRU

da	SDR 17 / ISO S-8				SDR 11 / ISO S-5			
	l	z	s	€/ST/PC	l	z	s	€/ST/PC
<b>75</b>	77	108	4.5	<b>49.05</b>	77	108	6.9	<b>54.43</b>
<b>125</b>	102	143	7.4	<b>80.00</b>	102	143	11.4	<b>95.23</b>
<b>140</b>	110	148	8.3	<b>98.19</b>	110	148	12.7	<b>116.91</b>
<b>180</b>	116	160	10.7	<b>163.15</b>	116	160	16.4	<b>176.40</b>
<b>200</b>	122	170	11.9	<b>222.36</b>	122	170	18.2	<b>241.13</b>
<b>225</b>	129	185	13.4	<b>265.80</b>	129	185	20.5	<b>279.38</b>
<b>250</b>	144	215	14.8	<b>446.34</b>	144	215	22.7	<b>546.14</b>
<b>280</b>	155	229	16.6	<b>558.65</b>	155	230	25.4	<b>743.78</b>
<b>315</b>	163	250	18.7	<b>731.88</b>	163	250	28.6	<b>973.00</b>



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100 RC**



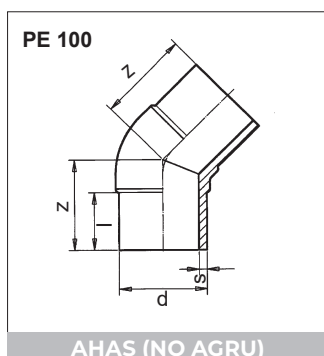
KNIEEN 45°  
COUDES A 45°  
ELBOWS 45°

Met verlengde benen. gespoten.  
Ook geschikt voor electromoflas.

Coudes injectés. à branches allongées.  
Convient aussi pour l'electro-soudage dans l'emboîture.

Elongated. moulded.  
Also suitable for electro socket welding.

da	SDR 17 / ISO S-8					SDR 11 / ISO S-5				
	L3	z	s	KG/ST/PC	€/ST/PC	L3	z	s	KG/ST/PC	€/ST/PC
20						39.0	44.0	3.0	0.015	4.61
25						42.0	48.0	3.0	0.020	4.94
32						49.0	57.0	3.0	0.035	5.96
40						53.0	63.0	3.7	0.057	7.44
50						57.0	66.5	4.6	0.094	8.48
63	64.5	80.0	3.8	0.118	13.93	65.5	80.0	5.8	0.172	15.46
75	71.0	90.0	4.5	0.187	17.22	70.0	90.0	6.8	0.274	19.22
90	80.0	101.0	5.4	0.295	21.71	82.0	104.0	8.2	0.440	24.08
110	83.0	108.0	6.6	0.494	41.57	82.0	108.0	10.0	0.679	46.15
125	99.5	130.5	7.4	0.718	51.25	99.5	126.0	11.4	1.060	57.03
140	99.0	129.0	8.3	0.880	67.16	100.0	135.0	12.7	1.400	74.62
160	114.0	149.0	9.5	1.340	77.73	116.5	150.0	14.6	2.060	86.23
180	133.5	174.0	10.7	2.060	84.87	118.0	160.0	16.4	2.860	94.39
200	129.0	177.0	11.9	2.240	116.10	122.0	167.0	18.2	3.580	128.99
225	128.0	175.5	13.4	3.160	138.49	125.5	173.5	20.5	4.760	153.76
250	158.0	217.0	14.8	4.820	267.99	158.0	217.0	22.7	7.160	297.78
280	174.0	236.0	16.6	6.580	404.68	168.0	238.0	25.4	9.620	449.66
315	177.0	251.0	18.7	9.000	503.62	176.0	248.0	28.6	12.900	562.59



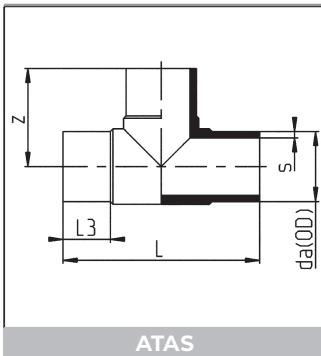
Niet / non / no AGRU

da	SDR 17 / ISO S-8					SDR 11 / ISO S-5				
	l	z	s	KG/ST/PC	€/ST/PC	l	z	s	KG/ST/PC	€/ST/PC
355	170.0	310.0	21.1	17.3	850.09	170.0	310.0	32.2	23.50	1004.47
400	187.0	346.0	23.7	23.0	1266.33	187.0	346.0	36.6	30.00	1524.72
450	202.0	375.0	26.7	33.0	1692.22	202.0	375.0	40.9	44.00	1980.67
500	222.0	410.0	29.7	42.8	2383.67	222.0	410.0	45.4	57.00	2562.44



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100 RC**



T-STUKKEN 90° VERLENGD  
TES A 90° ALLONGES  
TEES 90° ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectés. Convient aussi pour l'electro-soudage.  
Moulded. Also suitable for electric socket welding.

**SDR 17 / ISO S-8**

da	L3	L	z	s	KG/ST/PC	€/ST/PC
63	63.0	222	113.0	3.8	0.285	12.92
75	70.0	258	131.0	4.5	0.478	20.98
90	79.0	280	140.0	5.4	0.696	30.19
110	84.0	313	156.0	6.6	1.154	44.29
125	90.0	350	174.0	7.4	1.680	60.78
140	95.0	380	190.0	8.3	2.120	97.66
160	98.0	401	204.5	9.5	3.000	126.80
180	134.0	521	260.0	10.7	5.220	166.35
200	112.0	492	246.0	11.9	6.000	238.45
225	120.0	540	270.0	13.4	8.120	283.15
250	146.0	624	314.0	14.8	11.560	361.82
280	158.0	694	347.0	16.6	15.960	548.41
315	166.0	750	375.0	18.7	21.140	702.17
355	188.0	880	440.0	21.1	32.300	1082.87
400	200.0	940	470.0	23.7	41.280	1557.83
600	-	-	-	-	-	8544.11

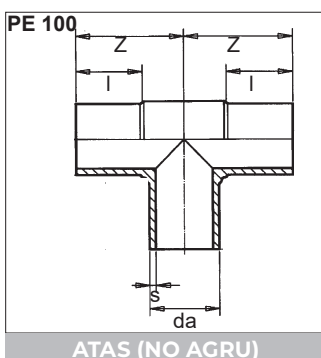
**SDR 11 / ISO S-5**

da	L3	L	z	s	KG/ST/PC	€/ST/PC
20	34.5	107	54.5	3.0	0.029	4.61
25	39.0	117	59.0	3.0	0.042	5.28
32	44.0	144	71.0	3.0	0.067	6.30
40	50.0	165	84.0	3.7	0.117	7.81
50	56.0	189	95.0	4.6	0.199	10.34
63	64.0	226	114.0	5.8	0.350	14.25
75	70.0	260	128.0	6.8	0.639	23.64
90	79.0	286	143.0	8.2	0.966	33.63
110	85.0	317	158.0	10.0	1.547	49.22
125	91.0	356	177.0	11.4	2.210	67.55
140	96.5	380	190.0	12.7	2.880	108.55
160	99.0	405	202.5	14.6	4.100	140.88
180	136.0	521	260.0	16.4	6.900	184.82
200	112.0	490	245.0	18.2	7.920	264.84
225	124.0	548	271.0	20.5	10.850	314.68
250	147.0	620	310.0	22.7	15.060	406.32
280	158.0	694	347.0	25.4	20.860	609.26
315	168.0	752	375.0	28.6	28.460	780.24
355	188.0	874	437.0	32.2	42.680	1443.83
400	198.0	940	470.0	36.3	56.460	2077.11
630	266.0	1.332	665.0	57.2	193.000	8544.11

**SDR 7.4 / ISO S-3.2**

da	L3	L	z	s	KG/ST/PC	€/ST/PC
63	63.0	219	111.0	8.6	0.489	21.39
90	79.0	284	141.0	12.3	1.276	50.42
110	82.0	315	158.0	15.1	2.080	73.83
125	89.5	342	171.5	17.1	2.873	101.32
160	99.0	405	203.0	21.9	5.480	211.28
200	115.0	495	247.0	27.4	11.100	397.21
225	120.0	542	268.5	30.8	14.700	471.98

\* op aanvraag / sur demande / on request

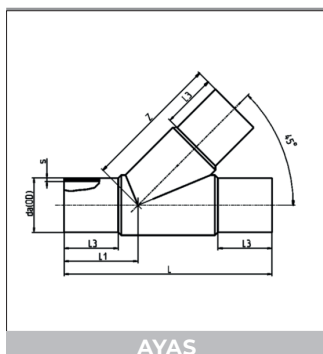


**Niet / non / no AGRU**

da	SDR 17 / ISO S-8					SDR 11 / ISO S-5				
	l	z	s	KG/ST/PC	€/ST/PC	l	z	s	KG/ST/PC	€/ST/PC
450	202	476	26.7	51.40	1825.23	202	476	40.9	70.20	2559.25
500	225	525	29.7	64.90	2524.72	225	525	45.4	90.30	3343.10

stomplas- en electromoflasfittings - IR  
 raccords pour le soudage bout à bout et electrosoudable - IR  
 fittings for butt and electro socket welding - IR

**PE 100**



T-STUKKEN 45° VERLENGD  
 TES A 45° ALLONGES  
 TEES 45° ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
 Injectés. Convient aussi pour l'electro-soudage.  
 Moulded. Also suitable for electric socket welding.

**SDR 17 / ISO S-8**

d	s	z	l	l1	l3	€/ST/PC
*40	2.4	75.0	189	65	45	<b>37.82</b>
*50	3.0	90.0	222	78	55	<b>79.69</b>
<b>63</b>	3.8	170.0	245	93	63	<b>31.78</b>
<b>75</b>	4.5	191.0	290	103	75	<b>51.69</b>
<b>90</b>	5.4	230.0	354	122	82	<b>76.63</b>
<b>110</b>	6.6	248.0	380	131	84	<b>109.17</b>
<b>125</b>	7.4	297.5	440	140	93	<b>149.79</b>
<b>140</b>	8.3	315.5	464	150	94	<b>240.67</b>
<b>160</b>	9.5	360.0	521	166	98	<b>312.48</b>
<b>180</b>	10.7	380.0	557	179	105	<b>409.95</b>
<b>200</b>	11.9	407.0	598	191	113	<b>587.08</b>
<b>225</b>	13.4	464.0	670	206	120	<b>697.80</b>
*250	14.8	397.0	792	252	143	<b>2239.03</b>
*280	16.6	440.0	852	266	146	<b>3108.16</b>
*315	18.7	494.0	965	303	165	<b>3920.19</b>

\* No Agru

**SDR 11 / ISO S-5**

d	s	z	l	l1	l3	€/ST/PC
<b>32</b>	3.0	131.0	195	65	45	<b>15.51</b>
<b>40</b>	3.7	147.0	208	72	50	<b>19.24</b>
<b>50</b>	4.6	144.0	224	81	56	<b>25.46</b>
<b>63</b>	5.8	173.0	262	93	64	<b>35.10</b>
<b>75</b>	6.8	191.0	294	103	71	<b>58.25</b>
<b>90</b>	8.2	230.0	351	122	82	<b>82.85</b>
<b>110</b>	10.0	253.0	382	131	84	<b>121.29</b>
<b>125</b>	11.4	299.0	431	140	92	<b>166.49</b>
<b>140</b>	12.7	315.5	464	150	94	<b>267.53</b>
<b>160</b>	14.6	362.0	526	166	100	<b>347.15</b>
<b>180</b>	16.4	385.0	562	179	107	<b>455.53</b>
<b>200</b>	18.2	416.0	605	191	114	<b>652.65</b>
<b>225</b>	20.5	474.0	673	206	122	<b>775.55</b>
*250	22.7	397.0	792	252	143	<b>2883.84</b>
*280	25.4	440.0	852	266	146	<b>3502.85</b>
*315	28.6	497.0	965	303	165	<b>4652.04</b>

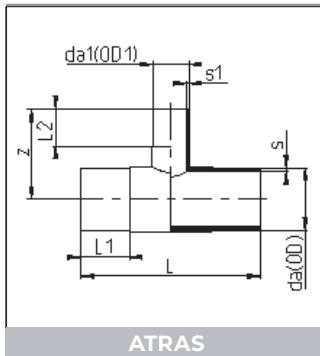
\* No Agru





stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100 RC**



VERLOOP T-STUKKEN 90° VERLENGD  
TES REDUITS A 90° ALLONGES  
TEES 90° REDUCING ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectés. Convient aussi pour l'electro-soudage.  
Moulded. Also suitable for electric socket welding.

SDR 17 / ISO S-8

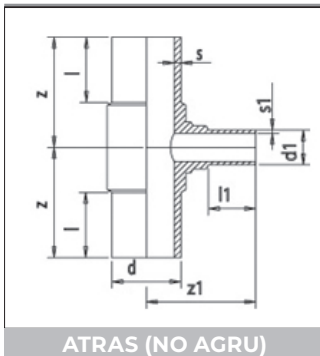
da	L	L1	L2	z	s	s1	KG/ST/PC	€/ST/PC
63/ 50	213	60.0	56.0	100.0	3.8	3.0	0.227	13.74
75/ 50	260	72.5	56.0	111.0	4.5	3.0	0.400	20.85
75/ 63	255	70.0	63.0	117.0	4.5	3.8	0.442	23.75
90/ 63	264	79.0	66.0	137.0	5.4	3.8	0.577	29.63
90/ 75	272	73.0	68.0	138.0	5.4	4.5	0.594	29.91
110/ 63	305	86.5	65.0	156.5	6.6	3.8	0.973	43.96
110/ 75	307	83.0	68.0	152.0	6.6	4.5	0.880	43.96
110/ 90	312	84.0	79.0	155.0	6.6	5.4	0.939	45.02
125/ 63	350	110.0	70.0	170.0	7.4	3.8	1.420	61.07
125/ 90	348	109.0	83.5	170.0	7.4	5.4	1.360	61.07
125/110	340	90.0	83.0	167.0	7.4	6.6	1.385	61.07
160/ 63	340	97.0	67.0	172.5	9.5	3.8	1.960	120.99
160/ 75	344	101.0	76.0	179.0	9.5	4.5	1.920	124.71
160/ 90	343	100.0	80.0	177.0	9.5	5.4	2.000	124.71
160/110	394	100.0	86.0	200.0	9.5	6.6	2.480	125.88
180/ 90	420	136.0	97.0	200.0	10.7	5.4	3.200	168.24
180/160	412	105.0	94.0	204.0	10.7	9.5	3.480	168.24
200/ 63	550	134.0	80.0	225.0	11.9	3.8	5.220	226.09
200/ 90	550	134.0	95.0	225.0	11.9	5.4	5.220	226.09
200/110	550	134.0	103.0	240.0	11.9	6.6	5.360	226.09
200/125	550	134.0	110.0	245.0	11.9	7.4	5.400	226.09
200/160	550	134.0	114.0	270.0	11.9	9.5	6.440	226.09
225/ 75	440	120.0	75.0	226.0	13.4	4.5	4.980	283.94
225/ 90	440	120.0	79.0	224.0	13.4	5.4	5.100	283.94
225/110	445	120.0	85.0	226.0	13.4	6.6	5.000	284.86
225/160	486	120.0	98.0	246.0	13.4	9.5	6.240	285.68
225/180	554	132.0	135.0	280.0	13.4	10.7	7.360	286.16
250/110	625	148.0	86.0	245.0	14.8	6.6	9.980	478.44
250/160	625	148.0	100.0	270.0	14.8	9.5	10.420	478.44
250/200	625	148.0	116.0	290.0	14.8	11.9	11.060	478.44
315/ 90	545	170.0	90.0	290.0	18.7	5.4	11.800	789.60
315/110	546	170.0	100.0	290.0	18.7	6.6	11.760	789.60
315/160	575	168.0	120.0	310.0	18.7	9.5	12.800	789.60
315/200	640	168.0	129.5	331.0	18.7	11.9	14.780	825.49
315/225	638	168.0	145.0	335.0	18.7	13.4	15.740	825.49
315/250	670	170.0	150.0	333.0	18.7	14.8	16.600	825.49
355/160	874	188.0	103.0	325.0	21.1	9.5	26.614	*
355/225	874	188.0	125.0	350.0	21.1	13.4	27.112	*
355/250	874	188.0	134.0	360.0	21.1	14.8	27.429	*
400/110	940	198.0	87.0	330.0	23.7	6.6	34.966	*
400/160	940	198.0	103.0	350.0	23.7	9.5	35.099	*
400/200	940	198.0	117.0	365.0	23.7	11.9	35.326	*
400/225	940	198.0	125.0	375.0	23.7	13.4	35.561	*
400/315	940	198.0	155.0	415.0	23.7	18.7	37.237	*

\* op aanvraag / sur demande / on request



stompas- en electromoflasfittings - IR  
 raccords pour le soudage bout à bout et electrosoudable - IR  
 fittings for butt and electro socket welding - IR

**PE 100**



ATRAS (NO AGRU)

VERLOOP T-STUKKEN 90° VERLENGD  
 TES REDUITS A 90° ALLONGES  
 TEES 90° REDUCING ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
 Injectés. Convient aussi pour l'electro-soudage.  
 Moulded. Also suitable for electric socket welding.

**SDR 17 / ISO S-8**

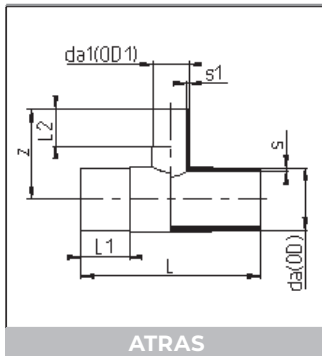
d-d1	s	S1red.	l	z	l1	Z1	€/ST/PC
<b>140/ 63</b>	8.3	*5.8	105	193	77	160	<b>126.34</b>
<b>140/ 75</b>	8.3	4.5	105	193	78	173	<b>126.34</b>
<b>140/ 90</b>	8.3	5.4	105	194	87	182	<b>126.34</b>
<b>140/110</b>	8.3	6.6	105	194	95	188	<b>131.37</b>
<b>180/125</b>	10.7	7.4	116	215	100	215	<b>253.20</b>
<b>180/140</b>	10.7	8.3	116	230	104	220	<b>221.11</b>
<b>200/ 75</b>	11.9	4.5	127	255	76	200	<b>353.91</b>
<b>225/ 63</b>	13.4	*5.8	130	270	69	241	<b>373.89</b>
<b>225/125</b>	13.4	7.4	120	261	93	266	<b>374.95</b>
<b>225/140</b>	13.4	8.3	130	270	104	276	<b>375.33</b>

\* SDR 11



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

PE 100 RC



ATRAS

VERLOOP T-STUKKEN 90° VERLENGD  
TES REDUITS A 90° ALLONGES  
TEES 90° REDUCING ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectés. Convient aussi pour l'electro-soudage.  
Moulded. Also suitable for electric socket welding.

SDR 11 / ISO S-5

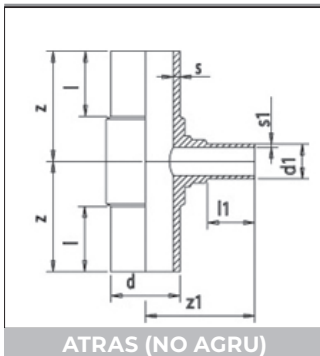
da/da1	s	Z	L	L1	L2	s1	KG/ST/PC	€/ST/PC
63/ 25	5.8	85.0	170	65.0	43.0	2.3	0.210	14.89
63/ 32	5.8	100.0	216	60.0	50.0	3.0	0.300	14.89
63/ 50	5.8	102.5	216	60.0	56.0	4.6	0.318	14.89
75/ 32	6.8	106.0	258	70.0	46.0	3.0	0.508	23.28
75/ 50	6.8	110.0	257	70.0	56.0	4.6	0.541	23.28
75/ 63	6.8	117.0	252	70.0	63.0	5.8	0.552	23.75
90/ 63	8.2	136.0	266	79.0	64.0	5.8	0.760	33.17
90/ 75	8.2	138.0	272	73.0	68.0	6.8	0.821	33.42
110/ 63	10.0	155.0	305	85.0	65.0	5.8	1.240	49.18
110/ 75	10.0	149.0	305	83.0	68.0	6.8	1.220	49.18
110/ 90	10.0	155.0	310	84.0	79.0	8.2	1.300	49.89
125/ 75	11.4	170.0	350	110.0	75.0	6.8	1.820	68.42
125/ 90	11.4	168.0	332	109.0	89.0	8.2	1.700	68.42
125/110	11.4	167.0	340	90.0	83.0	10.0	1.920	68.42
160/ 63	14.6	172.0	340	99.5	66.0	5.8	2.620	134.50
160/ 75	14.6	179.0	344	101.0	76.0	6.8	2.680	135.62
160/ 90	14.6	177.0	343	101.0	80.0	8.2	2.700	135.62
160/110	14.6	196.0	392	98.0	84.5	10.0	3.260	139.03
180/ 90	16.4	200.0	420	136.0	97.0	8.2	4.420	186.44
180/110	16.4	220.0	455	145.0	101.0	10.0	4.720	186.44
180/160	16.4	204.0	412	105.0	94.0	14.6	4.700	186.43
200/ 63	18.2	226.0	553	134.0	82.0	5.8	7.140	250.82
200/ 90	18.2	229.0	550	134.5	96.0	8.2	7.160	250.82
200/110	18.2	242.0	550	134.0	103.0	10.0	7.340	250.82
200/125	18.2	245.0	550	134.0	110.0	11.4	7.340	250.82
200/160	18.2	270.0	550	134.0	114.0	14.6	8.600	250.82
225/ 75	20.5	226.0	440	120.0	75.0	6.8	6.820	315.16
225/ 90	20.5	224.0	442	120.0	79.0	8.2	6.860	315.16
225/110	20.5	226.0	448	120.0	85.0	10.0	6.900	316.41
225/160	20.5	246.0	486	120.0	98.0	14.6	8.460	317.54
225/180	20.5	274.0	546	132.0	135.0	16.4	10.040	318.65
250/ 50	22.7	230.0	630	148.0	71.0	4.6	13.100	528.61
250/ 75	22.7	245.0	630	148.0	86.0	6.8	13.120	528.61
250/110	22.7	245.0	630	148.0	86.0	10.0	12.960	528.61
250/160	22.7	270.0	625	148.0	100.0	14.6	13.740	528.61
250/180	22.7	268.0	625	148.0	110.0	16.4	13.400	528.61
250/200	22.7	294.0	625	148.0	116.0	18.2	14.540	528.61
315/ 90	28.6	290.0	545	170.0	90.0	8.2	16.020	858.26
315/110	28.6	290.0	546	170.0	100.0	10.0	15.900	858.26
315/125	28.6	302.0	575	170.0	102.5	11.4	17.440	858.26
315/160	28.6	310.0	575	170.0	120.0	14.6	17.520	858.26
315/180	28.6	308.0	640	170.0	108.0	16.4	20.800	897.27
315/200	28.6	326.0	640	170.0	126.0	18.2	21.000	897.27
315/225	28.6	335.0	638	170.0	145.0	20.5	20.000	897.27
315/250	28.6	333.0	670	170.0	150.0	22.7	22.840	897.27
355/160	32.2	325.0	874	188.0	103.0	14.6	35.663	*
355/225	32.2	350.0	874	188.0	125.0	20.5	36.498	*
355/250	32.2	360.0	874	188.0	134.0	22.7	37.014	*
400/110	36.3	330.0	940	198.0	87.0	10.0	47.184	*
400/160	36.3	350.0	940	198.0	103.0	14.6	47.456	*
400/200	36.3	365.0	952	200.0	117.0	18.2	47.853	*
400/225	36.3	375.0	955	200.0	125.0	20.5	48.241	*
400/315	36.3	415.0	940	198.0	155.0	28.6	50.832	*

\* op aanvraag  
\* sur demande  
\* on request



stompas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100**



VERLOOP T-STUKKEN 90° VERLENGD  
TES REDUITS A 90° ALLONGES  
TEES 90° REDUCING ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectés. Convient aussi pour l'electro-soudage.  
Moulded. Also suitable for electric socket welding.

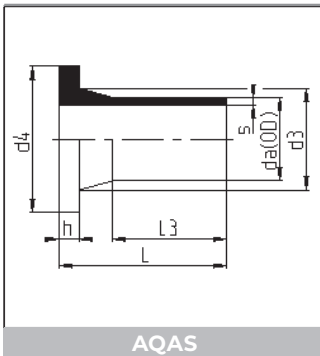
SDR 11 / ISO S-5

d-d1	s	S1 <sub>red.</sub>	l	z	l1	Z1	€/ST/PC
<b>125/ 63</b>	11.4	5.8	100	179	69	148	<b>112.64</b>
<b>140/ 63</b>	12.8	5.8	105	193	77	160	<b>147.48</b>
<b>140/ 75</b>	12.8	6.9	105	193	78	173	<b>147.48</b>
<b>140/ 90</b>	12.8	8.2	105	194	87	182	<b>147.48</b>
<b>140/110</b>	12.8	10.0	105	194	95	188	<b>152.89</b>
<b>180/125</b>	16.4	11.4	116	215	100	215	<b>253.13</b>
<b>180/140</b>	16.4	12.7	116	230	104	220	<b>245.89</b>
<b>200/ 75</b>	18.2	6.9	127	255	76	200	<b>393.47</b>
<b>225/ 63</b>	20.5	5.8	130	270	69	241	<b>415.17</b>
<b>225/125</b>	20.5	11.4	120	261	93	266	<b>416.77</b>
<b>225/140</b>	20.5	12.7	130	270	104	276	<b>416.77</b>
<b>280/160</b>	25.4	14.6	146	321	110	280	<b>681.53</b>



stomplas- en electromoflasfittings - IR  
 raccords pour le soudage bout à bout et électrosoudable - IR  
 fittings for butt and electro socket welding - IR

**PE 100 RC**



VOORLASKRAGEN, VERLENGD  
 COLLETS ALLONGEES  
 STUBS ELONGATED

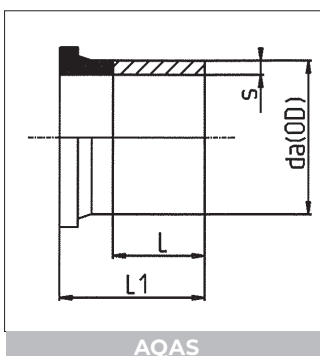
Gespoten . Ook geschikt voor electromoflas.  
 Injectées. Convient également pour l'électrosoudage.  
 Moulded. Also suitable for electro socket welding.

**SDR 7.4/ ISO S-3.2**

da	s	L	L3	d3	d4	h	KG/ST/PC	€/ST/PC
63	8.6	118.0	78.0	75	102	14	0.265	13.06
75	10.3	128.0	86.0	89	122	16	0.409	16.22
90	12.3	140.0	95.0	105	138	17	0.603	22.05
110	15.1	140.0	97.0	125	158	18	0.878	27.01
125	17.1	180.0	121.5	132	158	25	1.307	32.90
160	21.9	181.5	119.5	175	212	25	2.190	66.66
200	27.4	180.5	121.5	232	268	32	3.600	121.22
225	30.8	184.0	129.0	235	268	32	3.920	125.01

da	SDR 17 / ISO S-8								SDR 11 / ISO S-5							
	s	L	L3	d3	d4	h	KG ST/PC	€ ST/PC	s	L	L3	d3	d4	h	KG ST/PC	€ ST/PC
20									3.0	88	64.0	27	45	7	0.025	3.75
25									3.0	86	64.0	33	58	9	0.040	3.94
32									3.0	89	61.0	40	68	10	0.057	4.61
40									3.7	100	65.0	50	78	11	0.087	5.44
50									4.6	101	69.0	61	88	12	0.126	6.65
63	3.8	121	78.0	75	102	14	0.177	8.37	5.8	122	78.0	75	102	14	0.217	8.37
75	4.5	125	85.5	89	122	16	0.268	10.80	6.8	125	86.0	89	122	16	0.312	10.80
90	5.4	140	100.0	105	138	17	0.370	14.11	8.2	140	101.0	105	138	17	0.454	14.11
110	6.6	158	113.0	125	158	18	0.578	18.03	10.0	159	115.0	125	158	18	0.729	18.03
125	7.4	167	125.0	132	158	18	0.625	21.94	11.4	169	122.0	132	158	25	0.885	21.94
140	8.3	180	127.0	155	188	18	0.900	28.25	12.7	188	128.5	155	188	25	1.296	32.88
160	9.5	198	148.0	175	212	18	1.246	35.59	14.6	200	148.0	175	212	25	1.760	44.53
180	10.7	210	163.5	183	212	20	1.392	49.87	16.4	209	155.0	183	212	30	2.040	49.86
200	11.9	210	143.0	232	268	24	2.326	62.60	18.2	210	140.0	232	268	32	3.220	80.98
225	13.4	210	154.0	235	268	24	2.300	67.46	20.5	210	145.0	235	268	32	3.320	83.47
250	14.8	204	132.0	285	320	25	3.440	82.58	22.7	204	132.0	285	320	35	4.640	127.85
280	16.6	218	145.0	288	320	25	3.720	128.20	25.4	218	145.0	288	320	35	5.20	149.77
315	18.7	219	154.0	335	370	25	4.700	168.18	28.6	238	154.0	335	370	35	7.580	199.32
355	21.1	255	178.0	373	430	30	7.400	290.74	32.2	257	176.0	373	430	40	10.64	312.40
400	23.7	265	186.0	427	482	33	9.500	512.85	36.3	274	185.0	427	482	46	14.42	551.13
*450	26.7	326	-	514	585	46	18.300	831.15	40.9	340	-	514	585	60	26.00	919.72
*500	29.7	330	-	530	585	46	20.000	1013.14	45.4	360	-	530	585	60	29.00	1063.98
*560	33.2	370	-	615	685	50	27.200	1366.07	50.8	380	-	615	685	60	42.30	1477.96
*630	37.4	360	-	645	685	50	29.300	1261.29	57.2	375	-	645	685	65	47.20	1667.13

\* niet / non / no AGRU - PE 100



**SDR 17 / ISO S-8**

da	s	L	L1	KG/ST/PC	€/ST/PC
710	42.1	300	470	46.6	1794.06

**SDR 11 / ISO S-5**

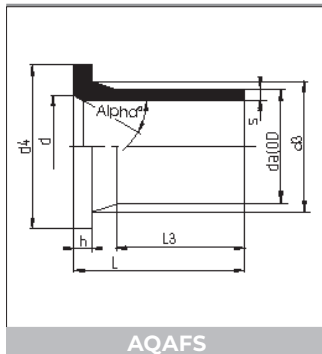
da	s	L	L1	KG/ST/PC	€/ST/PC
710	64.5	300	470	68.7	2876.44

L = 300 mm, gelast / soudé / welded



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100 RC**



VOORLASKRAGEN VOOR VLINDERKLEPPEN  
COLLETS CHANFREINE POUR VANNES PAPILLON  
CHAMFERED STUB FLANGE FOR BUTTERFLY VALVES

PE 100 zwart / noir / black

Gespoten . Ook geschikt voor electromoflas.  
Injectées. Convient également pour l'électrosoudage.  
Moulded. Also suitable for electro socket welding.

**SDR 17 / ISO S-8**

da	s	L	L3	d	d3	d4	h	Alpha °	KG ST/PC	€ ST/PC
110	6.6	158.0	113	100	125	158	18	30	0.546	18.06
140	8.3	178.5	127	125	155	188	18	30	0.820	28.32
160	9.5	196.5	148	150	175	212	18	30	1.220	35.56
200	11.9	208.5	143	210	232	268	24	30	2.100	62.55
225	13.4	208.5	154	210	235	268	24	30	2.250	67.41
250	14.8	202.0	132	255	285	320	25	25	3.200	109.49
280	16.6	218.0	145	255	288	320	25	25	3.680	128.31
315	18.7	217.0	154	305	335	370	25	25	4.680	168.47
355	21.1	252.0	178	338	373	430	30	30	7.140	291.17
400	23.7	262.0	186	378	427	482	33	30	9.400	513.68

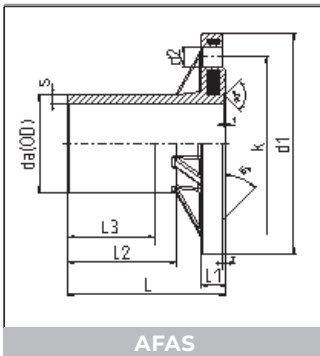
**SDR 11 / ISO S-5**

da	s	L	L3	d	d3	d4	h	Alpha °	KG ST/PC	€ ST/PC
110	10.0	157	115.0	100	125	158	18	30	0.700	18.06
140	12.7	185	128.5	125	155	188	25	30	1.274	32.88
160	14.6	197	148.0	150	175	212	25	30	1.680	44.53
180	16.4	206	155.0	150	183	212	30	30	2.020	49.86
200	18.2	207	140.0	210	232	268	32	30	2.860	80.94
225	20.5	207	145.0	210	235	268	32	30	3.280	83.47
250	22.7	200	132.0	255	285	320	35	25	4.200	127.84
280	25.4	214	145.0	255	288	320	35	25	5.010	149.77
315	28.6	234	154.0	301	335	370	35	22	7.200	199.20
355	32.2	253	176.0	338	373	430	40	30	9.800	312.93
400	36.3	270	185.0	378	427	482	46	22	13.600	552.04



stompas- en electromoflasmittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100 RC**

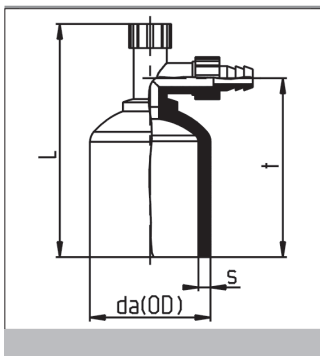


KRAAG FLENS, VERLENGD MET STALEN KERN  
BRIDE FIX, ALLONGEES AVEC ÂME EN ACIER  
FULL FACE FLANGE, ELONGATED WITH STEEL INSERT

Gespoten. Ook geschikt voor elektromoflas. PN 10 / PN 16 Boring.  
Injectées. Convient également pour l'électrosoudage. Forage PN 10 / PN 16.  
Moulded. Also suitable for electro socket welding. Drilled PN 10 / PN 16.

**SDR 11 / ISO S-5**

da	s	L	L1	L2	L3	d1	d2	k	KG/ST/PC	€/ST/PC
90	8.2	142	22	98	80	202	18	160	2.02	<b>92.98</b>
110	10.0	146	22	98	80	222	18	180	2.44	<b>123.40</b>
125	11.4	147	22	98	80	222	18	180	2.28	<b>127.01</b>
160	14.6	171	24	118	100	286	22	240	4.40	<b>174.20</b>
180	16.4	180	24	127	110	286	22	240	4.32	<b>244.38</b>



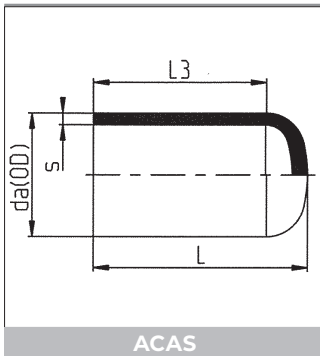
ONTLUCHTINGSKAP  
BOUCHON DE PURGE  
VENTILATION END CAP

da	SDR 17 / ISO S-8					SDR 11 / ISO S-5				
	s	L	t	KG/ST/PC	€/ST/PC	s	L	t	KG/ST/PC	€/ST/PC
63						5.8	159	116	0.272	<b>55.57</b>
90	5.4	190	134	0.389	<b>73.13</b>	8.2	190	134	0.428	<b>68.74</b>
110	6.6	214	155	0.569	<b>80.07</b>	10.0	211	155	0.648	<b>75.27</b>
125	7.4	214	165	0.640	<b>82.65</b>	11.4	215	165	0.769	<b>77.69</b>
160	9.5	238	183	1.000	<b>99.41</b>	14.6	245	183	1.380	<b>93.45</b>
180	10.7	271	216	1.215	<b>130.23</b>	16.4	236	216	1.660	<b>122.42</b>
200	11.9	260	212	1.460	<b>135.02</b>	18.2	260	212	2.210	<b>126.92</b>
225	13.4	280	238	2.140	<b>144.39</b>	20.5	280	238	3.100	<b>135.73</b>



stomplas- en electromoflasfittings - IR  
 raccords pour le soudage bout à bout et electrosoudable - IR  
 fittings for butt and electro socket welding - IR

**PE 100 RC**



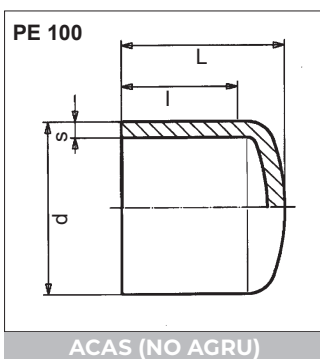
EINDKAPPEN VERLENGD  
 BOUCHONS ALLONGES  
 END CAPS ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
 Injectés. Convient aussi pour l'electro-soudage.  
 Moulded. Also suitable for electric socket welding.

da	SDR 17 / ISO S-8					SDR 11 / ISO S-5				
	L3	L	S	KG/ST/PC	€/ST/PC	L3	L	S	KG/ST/PC	€/ST/PC
20						42.0	46.5	3.0	0.008	3.59
25						42.0	48.0	3.0	0.010	3.94
32						45.0	54.0	3.0	0.015	4.96
40						50.0	63.0	3.7	0.029	6.14
50						57.0	71.0	4.6	0.051	7.99
63	66.0	83.0	3.8	0.063	10.56	64.0	80.5	5.8	0.092	10.58
75	75.0	88.0	4.5	0.100	16.37	75.0	91.0	6.8	0.149	16.37
90	82.0	107.0	5.4	0.180	24.85	84.0	107.0	8.2	0.253	24.85
110	101.5	131.0	6.6	0.325	33.66	105.0	133.0	10.0	0.476	33.66
125	100.0	132.0	7.4	0.407	36.38	100.0	132.0	11.4	0.586	36.38
140	106.0	142.0	8.3	0.520	45.50	106.0	144.0	12.7	0.830	45.50
160	116.0	164.0	9.5	0.836	51.00	123.5	165.0	14.6	1.198	51.00
180	107.0	156.0	10.7	1.060	66.30	111.0	160.0	16.4	1.690	66.30
200	119.0	174.0	11.9	1.340	82.59	117.0	181.5	18.2	2.000	82.59
225	123.0	196.0	13.4	1.971	98.59	130.0	202.5	20.5	2.820	98.59
250	152.0	224.0	14.8	2.640	132.88	160.0	223.0	22.7	3.910	147.72
280	162.0	246.0	16.6	3.680	188.72	162.0	248.0	25.4	5.360	209.80
315	167.0	262.0	18.7	4.930	252.44	167.0	269.0	28.6	7.100	282.09

SDR 7.4/ ISO S-3.2

da	L3	L	S	KG/ST/PC	€/ST/PC
63	66.5	81.5	8.6	0.126	15.84
75	75.0	94.0	10.3	0.211	24.56
90	79.0	100.0	12.3	0.317	37.24
110	94.0	118.0	15.1	0.558	50.49
125	100.5	128.5	17.1	0.784	54.58
160	103.5	146.0	21.9	1.410	76.50
200	121.5	180.0	27.4	2.600	123.90
225	125.0	192.0	30.8	3.640	147.91



Niet / non / no AGRU

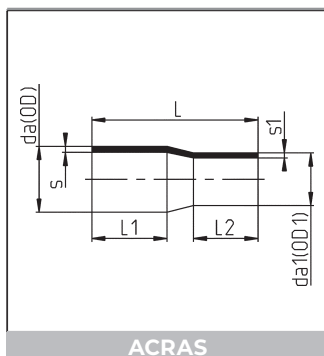
da	SDR 17 / ISO S-8					SDR 11 / ISO S-5				
	I	L	S	KG/ST/PC	€/ST/PC	I	L	S	KG/ST/PC	€/ST/PC
355	213	264	21.1	6.29	388.36	213	264	32.2	9.09	489.23
400	230	280	23.7	8.43	505.19	230	280	36.3	12.48	664.96
450	195	306	26.7	11.8	863.57	195	306	40.9	17.0	758.20
500	212	335	29.7	15.9	643.20	212	335	45.4	22.9	868.93
630	255	410	37.4	31.0	1087.43	255	410	57.2	44.7	1449.93





stompas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100 RC**



CONCENTRISCHE VERLOOPSTUKKEN VERLENGD  
REDUCTIONS CONCENTRIQUES ALLONGEES  
CONCENTRIC REDUCERS ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectées. Convient également pour l'électrosoudage.  
Moulded. Also suitable for electro socket welding.

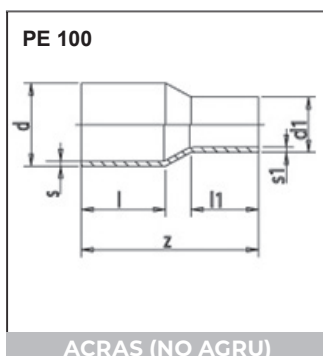
**SDR 17 / ISO S-8**

da	da1	L	L1	L2	s	s1	KG/ST/PC	€/ST/PC
75	63	146.0	70.0	63.0	4.5	3.8	0.129	12.63
90	63	172.0	79.0	63.0	5.4	3.8	0.199	17.67
90	75	163.0	79.0	70.0	5.4	4.5	0.196	17.81
110	63	182.0	82.0	63.0	6.6	3.8	0.297	23.79
110	90	175.0	82.0	79.0	6.6	5.4	0.331	23.79
125	63	187.0	87.0	63.0	7.4	3.8	0.375	28.57
125	90	191.5	87.0	79.0	7.4	5.4	0.438	28.57
125	110	193.0	87.0	82.0	7.4	6.6	0.483	28.63
140	125	211.0	95.0	90.0	8.3	7.4	0.650	41.14
160	90	215.0	98.0	79.0	9.5	5.4	0.760	54.91
160	110	222.0	98.0	87.5	9.5	6.6	0.802	55.07
160	125	227.0	98.0	89.5	9.5	7.4	0.852	55.07
160	140	234.0	98.0	93.5	9.5	8.3	0.945	55.38
180	125	270.0	132.5	95.0	10.7	7.4	1.260	71.35
180	160	245.0	109.0	101.0	10.7	9.5	1.380	71.35
200	160	253.0	112.0	98.5	11.9	9.5	1.560	78.20
225	160	258.0	120.0	98.0	13.4	9.5	1.839	125.79
250	160	318.0	152.0	112.0	14.8	9.5	2.762	170.07
250	200	317.0	152.0	124.0	14.8	11.9	3.060	177.91
250	225	312.0	150.0	132.0	14.8	13.4	3.340	177.91
280	250	355.0	160.0	156.0	16.6	14.8	4.520	237.10
315	200	375.0	173.0	134.0	18.7	11.9	5.400	305.05
315	225	375.0	168.0	132.0	18.7	13.4	5.600	305.05
315	250	375.0	173.0	154.0	18.7	14.8	5.760	305.05



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100 RC**



CONCENTRISCHE VERLOOPSTUKKEN VERLENGD  
REDUCTIONS CONCENTRIQUES ALLONGEES  
CONCENTRIC REDUCERS ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectées. Convient également pour l'électrosoudage.  
Moulded. Also suitable for electro socket welding.

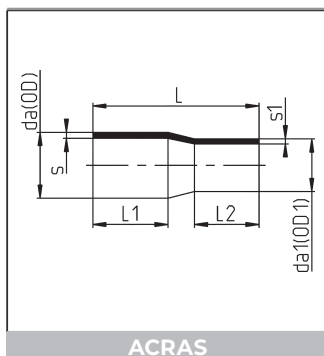
SDR 17 / ISO S-8

d-d1	S	S1.	z	l	l1	€/ST/PC
75- 40	4.5	3.7	172	76	55	18.71
75- 50	4.5	4.6	172	76	61	18.71
75 - 63	4.5	5.8	172	76	69	18.71
90- 50	5.4	3.0	142	64	49	20.30
110- 75	6.6	4.5	210	95	76	29.56
125- 75	7.4	4.5	225	100	76	32.48
140- 75	8.3	4.5	246	116	72	46.63
140- 90	8.3	5.4	245	104	88	46.63
140-110	8.3	6.6	245	104	94	46.63
180- 90	10.7	5.4	260	110	90	82.67
180-110	10.7	6.6	275	115	95	61.99
180-140	10.7	8.3	221	105	96	89.86
200-110	11.9	6.6	287	126	96	104.57
200-125	11.9	7.4	283	123	103	88.36
200-180	11.9	10.7	236	117	109	104.57
225- 90	13.4	5.4	298	121	89	174.16
225-110	13.4	6.6	312	130	94	141.99
225-125	13.4	7.4	288	131	100	174.16
225-180	13.4	10.7	310	130	111	141.99
225-200	13.4	11.9	277	140	130	174.16
250-180	14.8	10.7	338	137	123	237.52
280-180	16.6	10.7	350	146	119	312.09
280-200	16.6	11.9	350	146	124	312.09
280-225	16.6	13.4	350	150	132	312.09
315-280	18.7	16.6	380	160	162	426.03
355-250	21.1	14.8	415	175	145	564.73
355-280	21.1	16.6	415	170	155	959.59
355-315	21.1	18.7	415	175	170	1047.95
400-280	23.7	16.6	465	190	155	726.75
400-315	23.7	18.7	460	190	165	1064.25
400-355	23.7	21.1	463	190	185	1134.09
450-280	26.7	16.6	480	202	146	1131.75
450-315	26.7	18.7	480	202	157	1250.82
450-355	26.7	21.1	480	202	172	1301.75
450-400	26.7	23.7	480	202	187	1373.65
500-355	29.7	21.1	520	222	172	1562.07
500-400	29.7	23.7	520	222	187	1635.17
500-450	29.7	26.7	520	222	202	1737.41
630-355	37.4	21.1	650	265	172	3399.31
630-400	37.4	23.7	650	265	187	3264.44
630-450	37.4	26.7	650	265	202	3060.52
630-500	37.4	29.7	650	265	222	2858.82



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100 RC**



CONCENTRICHE VERLOOPSTUKKEN VERLENGD  
REDUCTIONS CONCENTRIQUES ALLONGEES  
CONCENTRIC REDUCERS ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectées. Convient également pour l'électrosoudage.  
Moulded. Also suitable for electro socket welding.

**SDR 11 / ISO S-5**

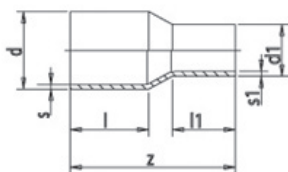
da	da1	L	L1	L2	s	s1	KG/ST/PC	€/ST/PC
25	20	87	41.0	41.0	3.0	3.0	0.016	3.08
32	20	95	44.0	41.0	3.0	3.0	0.022	3.41
32	25	95	44.0	41.0	3.0	3.0	0.024	3.41
40	20	102	49.0	41.0	3.7	3.0	0.032	4.96
40	25	102	49.0	41.0	3.7	3.0	0.033	4.96
40	32	101	49.0	44.0	3.7	3.0	0.040	4.96
50	25	118	55.0	43.0	4.6	3.0	0.054	6.15
50	32	118	58.0	45.0	4.6	3.0	0.060	6.15
50	40	126	55.0	49.0	4.6	3.7	0.071	6.15
63	32	135	63.0	48.0	5.8	3.0	0.098	8.16
63	40	129	63.0	49.0	5.8	3.7	0.102	8.16
63	50	148	63.0	58.0	5.8	4.6	0.134	8.16
75	50	148	70.0	57.0	6.8	4.6	0.168	12.63
75	63	148	70.0	63.0	6.8	5.8	0.193	12.63
90	63	172	79.0	63.0	8.2	5.8	0.290	17.67
90	75	163	79.0	70.0	8.2	6.8	0.293	17.81
110	40	176	77.0	50.0	10.0	3.7	0.362	23.79
110	63	178	82.0	63.0	10.0	5.8	0.425	23.79
110	90	177	82.0	79.0	10.0	8.2	0.499	23.79
125	63	195	87.0	63.0	11.4	5.8	0.560	28.57
125	90	200	87.5	79.0	11.4	8.2	0.635	28.57
125	110	200	87.5	82.0	11.4	10.0	0.739	28.63
140	125	211	94.5	88.5	12.7	11.4	0.992	41.14
160	90	217	100.5	79.0	14.6	8.2	1.060	54.91
160	110	225	98.0	85.5	14.6	10.0	1.180	55.07
160	125	231	98.0	89.5	14.6	11.4	1.320	55.07
160	140	229	98.0	92.0	14.6	12.7	1.360	55.38
180	125	270	129.5	94.5	16.4	11.4	1.820	71.35
180	160	245	105.0	104.0	16.4	14.6	1.880	71.35
200	160	252	112.0	98.5	18.2	14.6	2.270	78.20
225	160	262	120.0	101.0	20.5	14.6	2.760	125.79
250	160	314	153.5	111.5	22.7	14.6	3.980	170.07
250	200	314	153.5	123.5	22.7	18.2	4.440	177.91
250	225	315	153.0	131.5	22.7	20.5	4.740	177.91
280	250	355	163.5	153.5	25.4	22.7	6.640	237.10
315	200	375	177.5	131.5	28.6	18.2	7.640	305.05
315	225	375	170.5	131.5	28.6	20.5	7.840	305.05
315	250	375	173.5	153.5	28.6	22.7	8.320	305.05



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100 RC**

PE 100



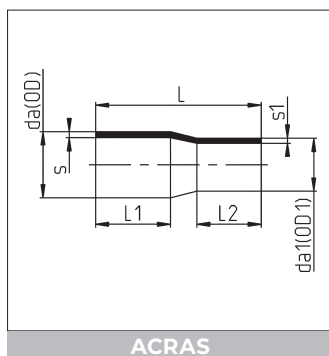
ACRAS (NO AGRU)

CONCENTRISCHE VERLOOPSTUKKEN VERLENGD  
REDUCTIONS CONCENTRIQUES ALLONGEES  
CONCENTRIC REDUCERS ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectées. Convient également pour l'électrosoudage.  
Moulded. Also suitable for electro socket welding.

SDR 11 / ISO S-5

d-d1	S	S1	z	l	l1	€/ST/PC
75- 40	6.9	3.7	172	76	55	14.49
90- 50	8.2	4.6	178	85	60	21.23
110- 50	10.0	4.6	177	88	57	43.94
110- 75	10.0	6.9	210	95	76	30.90
125- 75	11.4	6.9	225	100	76	33.93
140- 75	12.7	6.9	246	116	72	48.72
140- 90	12.7	8.2	245	104	88	48.72
140-110	12.7	10.0	245	104	94	48.72
180- 90	16.4	8.2	260	110	90	121.72
180-110	16.4	10.0	275	115	95	69.54
180-140	16.4	12.7	221	105	96	127.54
200-110	18.2	10.0	287	126	96	154.01
200-125	18.2	11.4	283	123	103	92.33
200-180	18.2	16.4	236	117	109	154.01
225- 90	20.5	8.2	300	130	90	246.95
225-110	20.5	10.0	312	130	94	148.37
225-125	20.5	11.4	310	130	100	246.95
225-180	20.5	16.4	310	130	111	148.37
225-200	20.5	18.2	277	132	130	246.95
250-180	22.7	16.4	338	137	123	259.71
280-180	25.4	16.4	350	146	119	326.14
280-200	25.4	18.2	350	146	124	326.14
280-225	25.4	20.5	350	150	132	326.14
315-280	28.6	25.4	380	160	162	445.21
355-250	32.2	22.7	415	175	145	706.14
355-280	32.2	25.4	415	170	155	1061.81
355-315	32.2	28.6	415	175	170	1137.03
400-280	36.3	25.4	465	190	155	590.15
400-315	36.3	28.6	460	190	165	1002.77
400-355	36.3	32.2	463	190	185	1095.10
450-280	40.9	25.4	480	202	146	981.60
450-315	40.9	28.6	480	202	157	1131.23
450-355	40.9	32.2	480	202	172	1184.30
450-400	40.9	36.3	480	202	187	1259.44
500-355	45.4	32.2	520	222	172	1456.35
500-400	45.4	36.3	520	222	187	1532.63
500-450	45.4	40.9	520	222	202	1639.52
630-355	57.2	32.2	650	265	172	3206.68
630-400	57.2	36.3	650	265	187	3206.68
630-450	57.2	40.9	650	265	202	3206.68
630-500	57.2	45.4	650	265	222	3206.68



ACRAS

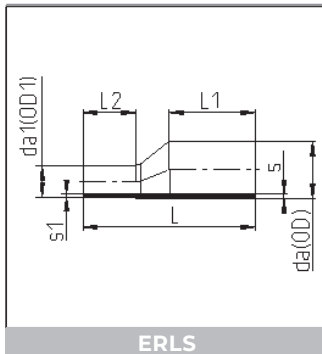
SDR 7.4 / ISO S-3.2

da	da1	L	L1	L2	s	s1	KG/ST/PC	€/ST/PC
110	63	178.0	80.0	59.0	15.1	8.6	0.599	35.67
110	90	178.0	80.0	75.0	15.1	12.3	0.715	35.67
125	63	190.0	85.0	62.0	17.1	8.6	0.791	42.86
125	90	189.0	85.5	76.0	17.1	12.3	0.833	42.86
125	110	197.5	84.0	80.0	17.1	15.1	1.040	42.97
160	90	216.0	89.0	77.0	21.9	12.3	1.475	82.35
160	110	223.0	89.0	86.0	21.9	15.1	1.564	82.35
160	125	228.0	93.0	90.0	21.9	17.1	1.790	82.57
200	160	249.0	96.0	106.0	27.4	21.9	2.980	117.28
225	160	268.0	120.0	104.0	30.8	21.9	3.880	188.70
250	160	314.0	152.5	112.0	34.2	21.9	5.400	255.14
250	225	312.0	152.5	130.5	34.2	30.8	6.600	266.87



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

**PE 100 RC**



EXCENTRICHE VERLOOPSTUKKEN VERLENGD  
REDUCTIONS EXCENTRIQUES ALLONGEES  
EXCENTRIC REDUCERS ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectées. Convient également pour l'électrosoudage.  
Moulded. Also suitable for electro socket welding.

da/da'	SDR 17 / ISO S-8							SDR 11 / ISO S-5						
	L	L1	L2	s	s1	KG ST/PC	€ ST/PC	L	L1	L2	s	s1	KG ST/PC	€ ST/PC
25/ 20								103	51.0	38.0	3.0	3.0	0.021	3.38
32/ 25								114	56.0	40.0	3.0	3.0	0.029	3.96
40/ 25								126	60.0	40.0	3.7	3.0	0.040	5.41
40/ 32								125	59.0	44.0	3.7	3.0	0.045	5.41
50/ 32								156	71.0	45.0	4.6	3.0	0.080	6.74
50/ 40								157	71.0	49.0	4.6	3.7	0.092	6.74
63/ 32								177	75.0	45.0	5.8	3.0	0.139	9.70
63/ 40								177	76.0	49.0	5.8	3.7	0.145	9.70
63/ 50	173	72.0	56.0	3.8	3.0	0.110	9.01	177	76.0	56.0	5.8	4.6	0.156	9.70
75/ 50	195	81.0	56.0	4.5	3.0	0.169	13.88	195	82.0	57.0	6.8	4.6	0.230	14.98
75/ 63	195	82.0	63.0	4.5	3.8	0.180	13.88	197	83.0	63.0	6.8	5.8	0.255	14.98
90/ 63	216	94.0	64.0	5.4	3.8	0.268	19.46	213	92.0	64.0	8.2	5.8	0.380	20.99
90/ 75	219	95.0	70.0	5.4	4.5	0.284	19.46	214	93.0	69.0	8.2	6.8	0.402	20.99
110/ 63	246	101.0	63.0	6.6	3.8	0.420	26.19	244	99.0	63.0	10.0	5.8	0.588	28.28
110/ 90	241	96.0	79.0	6.6	5.4	0.460	26.19	244	98.0	79.0	10.0	8.2	0.666	28.28
125/ 63	265	107.5	63.0	7.4	3.8	0.570	31.42	268	105.0	63.0	11.4	5.8	0.820	33.91
125/ 90	264	106.5	79.0	7.4	5.4	0.626	31.42	265	106.5	79.0	11.4	8.2	0.910	33.91
125/110	264	105.5	86.0	7.4	6.6	0.679	31.42	260	103.0	87.0	11.4	10.0	0.979	33.91
140/125	285	111.5	93.0	8.3	7.4	0.935	45.24	283	109.5	95.0	12.7	11.4	1.320	48.84
160/ 90	310	117.5	79.0	9.5	5.4	1.120	60.36	309	117.5	79.0	14.6	8.2	1.520	65.22
160/110	310	118.5	85.0	9.5	6.6	1.183	60.36	305	115.5	87.0	14.6	10.0	1.660	65.22
160/125	310	118.5	91.0	9.5	7.4	1.263	60.36	309	116.5	91.0	14.6	11.4	1.750	65.22
160/140	309	116.5	96.0	9.5	8.3	1.300	60.36	308	116.5	97.5	14.6	12.7	1.880	65.22
180/ 90	342	127.0	79.0	10.7	5.4	1.640	78.51	348	128.5	79.0	16.4	8.2	2.260	84.76
180/125	353	134.5	92.5	10.7	7.4	1.740	78.51	345	130.0	93.0	16.4	11.4	2.456	84.76
180/160	340	131.5	101.5	10.7	9.5	1.880	78.51	345	130.0	104.0	16.4	14.6	2.780	84.76
200/160	373	138.5	100.0	11.9	9.5	2.380	86.07	373	138.5	104.0	18.2	14.6	3.400	92.87
200/180	370	142.5	107.0	11.9	10.7	2.560	86.07	373	143.5	111.0	18.2	16.4	3.660	92.87
225/160	400	151.5	101.5	13.4	9.5	3.120	138.33	405	154.5	100.0	20.5	14.6	4.370	149.41
225/180	400	151.5	108.5	13.4	10.7	3.280	138.33	403	154.5	110.0	20.5	16.4	4.620	149.41
225/200	400	151.5	115.5	13.4	11.9	3.520	138.33	403	155.5	115.0	20.5	18.2	4.950	149.41
250/200	440	180.0	120.0	14.8	11.9	4.380	181.57	440	180.0	120.0	22.7	18.2	6.280	196.09
250/225	445	182.5	124.5	14.8	13.4	4.600	181.57	440	179.0	125.0	22.7	20.5	6.840	196.09



RICHTLIJNEN VOOR HET WERKEN MET AGRU ELECTROMOFLASSEN  
DIRECTIVES DE TRAVAIL POUR L'ELECTROSOUDAGE AGRU  
GUIDELINES FOR WORKING WITH AGRU ELECTRICAL WELDING SLEEVES

- 1) Zaag de buis loodrecht af, verwijder de bramen, en markeer de insteekdiepte
- 2) Reinig de buis met droog, pluisvrij papier en verwijder alle vuil over de gehele insteeklengte.
- 3) Schil de buis met behulp van een geschikte buizenschiller zodat de oxidelaag verwijderd is. Raak het geschilde oppervlakte niet meer aan
- 4) Haal de electromof uit de verpakking. Raak de binnenzijde van de electromof niet aan.
- 5) Reinig buis en electromof met een geschikt reinigingsmiddel
- 6) Schuif beide buisuiteinden in de electromof, en respecteer de insteekdiepte
- 7) Klem beide buizen in een klemmenbank, om zo een correcte uitlijning te bekomen, zodat er geen krachten op de electromof optreden tijdens het lassen
- 8) Verbind het toestel met de electromof, geef de lasparameters in en start de lasprocedure  
Zowel tijdens lassen als afkoelen dient de electromof ingeklemd te blijven !

**Electromoffen zijn enkel te gebruiken in combinatie met verlengde fittingen.**

**De insteekdiepte dient ten allen tijde gerespecteerd te worden.**

**Een gedetailleerde lasprocedure en lasparameters zijn op aanvraag te verkrijgen.**

- 1) Sciez le tuyau bien d'équerre, enlevez les bavures et marquez la profondeur de pénétration.
- 2) Nettoyez le tuyau avec du papier sec, non pelucheux et éliminez toute saleté sur toute la longueur de pénétration.
- 3) Epluchez le tuyau au moyen de l'outil approprié de manière à ce que la couche oxydée soit éliminée. Ne touchez plus la partie du tuyau ainsi traitée.
- 4) Déballez le manchon électrique. Ne touchez pas la partie intérieure du manchon électrique.
- 5) Nettoyez le tuyau et le manchon électrique au moyen d'un produit de nettoyage approprié
- 6) Glissez les deux extrémités du tuyau dans le manchon électrique en respectant la profondeur de pénétration.
- 7) Clamez les deux tuyaux dans un banc de serrage de manière à obtenir une linéarité aussi correcte que possible pour éviter les tensions sur le manchon électrique durant le soudage.
- 8) Connectez le manchon électrique avec l'appareil, introduisez les paramètres de soudage et débutez la procédure de soudage. Le manchon électrique doit rester clamé tant durant le soudage que durant la période de refroidissement.

**Les manchons électrosoudables ne peuvent être employés qu'en combinaison avec les raccords allongés.**

**Une procédure de soudage détaillée ainsi que les paramètres de soudage sont disponibles sur demande.**

- 1) Saw the pipe off perpendicularly, remove the burrs and mark the insertion depth.
- 2) Clean the pipe with dry, lint-free paper and remove all dirt over the entire insertion length.
- 3) Peel the pipe using a suitable pipe peeling tool so that the layer of oxide is removed.  
Do not touch the peeled surface.
- 4) Take the electrical welding sleeve out of its packaging. Do not touch the inside of the sleeve.
- 5) Clean pipe and electrical welding sleeve with a suitable cleansing agent.
- 6) Insert both pipe ends into the electrical welding sleeve, respecting the insertion depth.
- 7) Clamp both pipes in a bench clamp to achieve a correct alignment, so that no forces are exerted on the electrical welding sleeve during welding.
- 8) Connect the device to the electrical welding sleeve, enter the welding parameters and begin the welding procedure. The electrical welding sleeve must remain clamped both during welding and while cooling!

**Electrical welding sleeves should only be used in combination with extended fittings.**

**The insertion depth should be respected at all times.**

**A detailed welding procedure and welding parameters are available on request.**

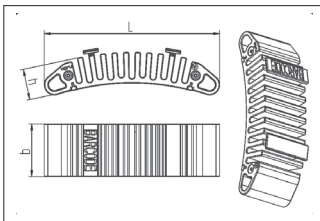


electromoflasfittings  
raccords pour electrosoudable  
fittings for electro socket welding

PE 100 RC



AGRULINE FLEX



OPLASBAAR VAST PUNT  
POINT FIX SOUDABLE  
WELDABLE FIXED POINT

AGRULINE FLEX RESTRAINT

De Agru Flex restraint is een flexibele electromoffitting die op de buitenzijde van PE 100 / PE 100- RC drukbuizen gelast kan worden.

Op deze manier kan een robuust systeem bekomen worden dat grote krachten in de axiale richting kan absorberen om beweging door bijvoorbeeld uitzetting te voorkomen. Het systeem is ook geschikt om ballastblokken op hun plek te houden bij het leggen van offshore leidingen. De Flex Restraint biedt weerstand voor afschuifspanningen tot 40kN per Flex restraint in de axiale richting. In geval van grotere spanningen kunnen er meer flex restraints aangebracht worden.

Le dispositif de retenue Agru Flex est un raccord électrique flexible qui peut être soudé à l'extérieur des conduites sous pression en PE 100 / PE 100- RC.

Il permet d'obtenir un système robuste capable d'absorber des forces importantes dans la direction axiale afin d'éviter les mouvements dus à la dilatation, par exemple. Le système convient également pour maintenir les blocs de ballast en place lors de la pose de pipelines offshore. La retenue Flex résiste à des contraintes de cisaillement allant jusqu'à 40kN par retenue Flex dans la direction axiale. En cas de contraintes plus élevées, il est possible d'appliquer davantage de brides de retenue Flex.

The Agru Flex restraint is a flexible electrofitting that can be welded to the outside of PE 100 / PE 100- RC pressure pipes.

This way, a rigid system by fixed points can be created that absorbs high forces to prevent axial movement. The AGRU Flex Restraint is also suitable for fixing concrete ballast blocks when laying offshore pipes to prevent them from slipping.

The AGRU flex Restraint provides an axial strength of 40 kN in axial direction. In case higher forces are occurring, several restraints can be applied around the circumference.

prijs / prix / price: 249.73 €/st/pc

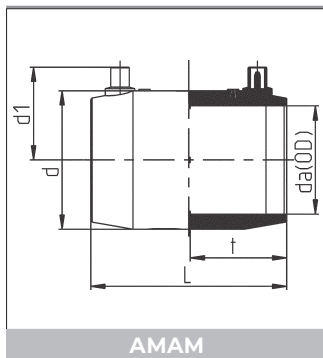
#### Technische eigenschappen / Propriétés techniques / Technical properties

Diameter	Ø160 mm tot Ø 3500 mm
Diamètre	Ø ≤ Ø280 mm: Sdr 7,4 – 17
Diameter	Ø > Ø280 mm: Sdr 7,4 – 26
Schuifsterkte	40 kN
Résistance au cisaillement	
Shear strength	
Lastijd	130s (15 - 25°C)
Durée du soudage	
Welding time	
Koeltijd	T > 20 min
Temps de refroidissement	
Cooling time	
Afmetingen	L = 234 mm
Dimensions	H = 40 mm
Dimensions	B = 70 mm
	Ω = 5.9 +/- 20 %



electromoflasfittings  
raccords pour electrosoudable  
fittings for electro socket welding

**PE 100 RC**



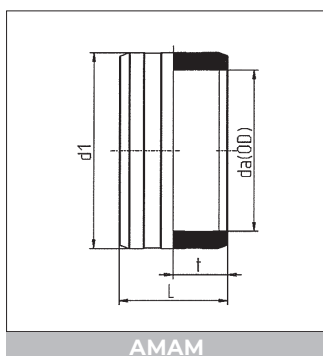
**ELECTROLASMOFFEN**  
**MANCHONS ELECTRO-SOUDAGE**  
**ELECTRO WELDING SLEEVES**

Max. werkdruk: water: 25 bar gas: 10 bar  
Pression service max.: eau : 25 bar gaz: 10 bar  
Working pressure max.: water: 25 bar gas: 10 bar

da	t	L	d	d1	SDR	KG/ST/PC	€/ST/PC
20	36.0	73.5	30.0	37.0	11-7.4	0.035	4.21
25	39.5	79.5	35.0	39.0	11-7.4	0.038	4.83
32	43.0	86.5	42.0	43.0	11-7.4	0.048	5.10
40	48.0	97.5	53.0	47.0	17-7.4	0.084	5.34
50	54.0	108.5	66.5	53.0	17-7.4	0.143	8.31
63	62.0	124.5	83.0	59.0	17-7.4	0.249	8.68
75	68.5	139.5	97.0	65.5	17-7.4	0.350	12.39
90	68.0	138.5	112.0	72.0	17-7.4	0.450	16.48
110	73.0	149.0	136.0	83.0	17-7.4	0.712	19.81
125	83.5	169.5	155.0	91.0	17-7.4	0.980	27.86
140	88.5	180.0	173.0	99.0	17-7.4	1.370	32.68
160	88.0	180.0	197.0	109.0	17-7.4	1.710	38.39
180	97.5	199.5	221.0	119.0	26-7.4	2.460	55.11
200	105.0	215.5	245.0	127.0	17-7.4	3.140	65.07
225	112.0	229.0	275.0	142.0	17-7.4	4.200	83.83
250	116.5	238.0	310.0	155.0	26-7.4	4.820	123.53
280	121.5	249.0	346.0	180.0	26-7.4	7.700	167.38
315	127.5	260.0	386.0	180.5	26-7.4	8.000	201.31

Max. werkdruk: water: 16 bar gas: 10 bar  
Pression service max.: eau : 16 bar gaz: 10 bar  
Working pressure max.: water: 16 bar gas: 10 bar

da	t	L	d	d1	SDR	KG/ST/PC	€/ST/PC
355	136.5	280	445	225.0	26-11	14.75	368.65
400	146.5	300	499	254.0	26-11	19.80	477.10
450	166.0	338	552	260.0	17-11	20.60	603.43
500	178.5	358	604	289.0	17-11	26.00	730.13



Max. werkdruk: water: 16 bar  
Pression service max.: eau : 16 bar  
Working pressure max.: water: 16 bar

da	t	L	d1	SDR	KG/ST/PC	€/ST/PC
*560	190	380	685	11-17	44.0	2794.83
*630	205	410	770	11-17	59.0	3357.83
*710	205	410	871	11-17	77.5	5043.05
*800	250	500	980	11-17	128.6	6172.36
*900	255	510	1105	11-17	124.0	7604.33

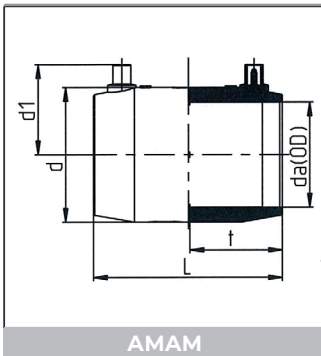
\* machined





electromoflasfittings  
raccords pour electrosoudable  
fittings for electro socket welding

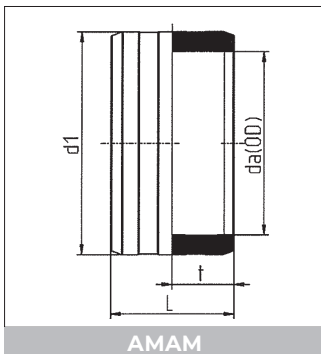
**PE 100 RC**



**ELECTROLASMOFFEN**  
**MANCHONS ELECTRO-SOUDAGE**  
**ELECTRO WELDING SLEEVES**

Max. werkdruk: water: 10 bar gas: 6 bar  
Pression service max.: eau : 10 bar gaz: 6 bar  
Working pressure max.: water: 10 bar gas: 6 bar

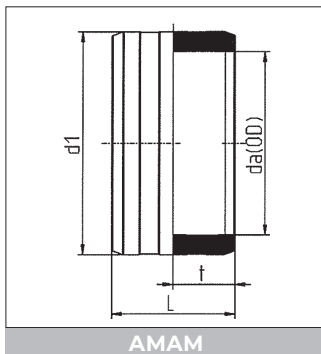
da	L	d	d1	t	SDR	KG/ST/PC	€/ST/PC
90	138.5	109	74.0	67.5	26-17	0.369	14.78
110	150.5	133	82.0	73.5	26-17	0.540	17.55
125	170.5	149	92.0	83.5	26-17	0.816	23.68
160	179.5	188	107.5	88.0	26-17	1.085	30.72
180	199.0	212	117.5	97.0	26-17	1.618	46.30
200	215.5	234	127.0	105.0	26-17	2.015	56.37
225	230.0	263	144.0	112.0	26-17	2.800	72.66
250	240.0	293	152.5	118.5	33-17	4.000	105.79
280	250.0	326	169.0	123.5	33-17	5.060	143.35
315	259.0	366	185.5	128.5	33-17	6.420	176.60
355	280.0	413	205.5	138.5	33-17	8.940	315.79
400	301.0	466	235.5	148.5	33-17	12.200	408.71
450	338.0	522	260.0	166.5	33-17	16.600	529.16
500	359.0	579	286.0	177.5	33-17	22.000	620.61



Max. werkdruk: water: 10 bar  
Pression service max.: eau : 10 bar  
Working pressure max.: water: 10 bar

da	t	L	d1	SDR	KG/ST/PC	€/ST/PC
*560	190	380	640	33-17	27.0	1563.42
*630	205	410	715	41-17	33.5	1988.83
*710	205	410	805	33-17	43.0	2330.94
*800	250	500	915	33-17	73.5	3878.92
*900	255	510	1025	33-17	90.5	5333.29
*1000	265	530	1140	33-17	115.0	6957.22
*1200	270	540	1365	41-17	169.0	10133.04
*1400	275	550	1590	33-17	235.0	13975.63

\* machined



Max. werkdruk: water: 6 bar  
Pression service max.: eau : 6 bar  
Working pressure max.: water: 6 bar

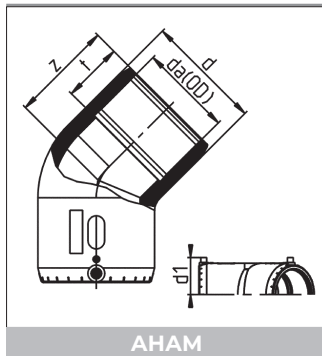
da	t	L	d1	SDR	KG/ST/PC	€/ST/PC
*560	190	380	615	41-26	15.5	1312.96
*630	210	420	690	41-26	23.5	1520.26
*710	221	442	775	41-26	28.6	1840.43
*800	250	500	875	41-26	41.6	2849.80
*900	255	510	980	41-26	53.5	3960.33
*1000	265	530	1090	33-26	69.4	5615.35
*1200	270	540	1310	33-26	101.2	8878.89
*1400	275	550	1525	33-26	147.0	11571.06
*1600	285	570	1740	33-26	189.0	21893.22

\* machined



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electrofusion fittings with integrated sockets - AGRULINE

**PE 100 RC**

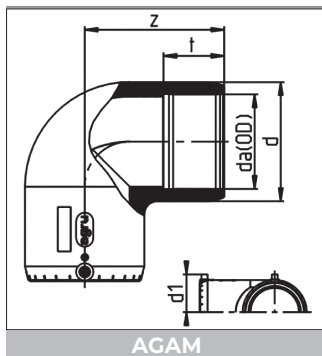


AHAM

**KNIEEN 45°**  
**COUDES A 45°**  
**ELBOWS 45°**

Max. werkdruk: water: 16 bar gas: 10 bar  
Pression service max.: eau : 16 bar gaz: 10 bar  
Working pressure max.: water: 16 bar gas: 10 bar

da	t	z	d	d1	SDR	KG/ST/PC	€/ST/PC
20	36.5	52.0	30.0	37.0	11-7.4	0.050	13.24
25	39.2	52.0	35.0	40.0	11-7.4	0.051	13.24
32	43.0	56.0	42.0	44.0	11	0.072	13.99
40	48.0	63.0	53.0	49.0	11	0.119	16.69
50	54.0	70.0	67.0	53.0	17-11	0.200	21.23
63	61.5	82.0	82.5	58.5	17-11	0.327	23.99
75	68.5	94.0	97.0	66.0	17-11	0.500	34.36
90	71.0	113.0	115.0	74.0	17-11	0.850	45.34
110	72.0	124.0	140.0	82.5	17-11	1.430	66.49
125	85.0	124.0	161.0	92.0	17-11	1.830	92.06
140	89.5	128.0	173.0	97.0	17-11	1.920	157.41
160	89.0	161.5	200.0	112.0	17-11	3.400	180.46
180	98.0	172.0	224.0	119.0	26-11	4.890	263.40
200	106.5	178.0	248.5	130.5	26-11	6.000	363.73
225	113.5	190.0	279.0	145.5	17-11	7.990	391.96



AGAM

**KNIEEN 90°**  
**COUDES A 90°**  
**ELBOWS 90°**

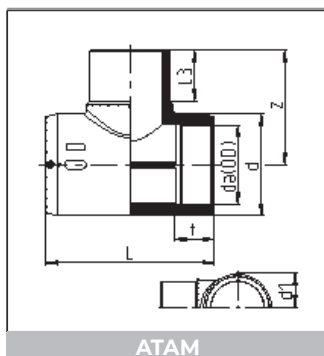
Max. werkdruk: water: 16 bar gas: 10 bar  
Pression service max.: eau : 16 bar gaz: 10 bar  
Working pressure max.: water: 16 bar gas: 10 bar

da	t	z	d	d1	SDR	KG/ST/PC	€/ST/PC
20	37.5	58	30	37.0	11-7.4	0.054	13.24
25	40.3	61	35	40.0	11-7.4	0.061	13.24
32	44.0	65	42	44.0	11	0.078	13.99
40	49.0	75	53	49.0	11	0.120	16.69
50	55.0	85	67	53.0	17-11	0.236	21.23
63	62.7	100	83	60.0	17-11	0.392	23.99
75	70.0	114	97	66.0	17-11	0.607	34.36
90	70.5	147	114	73.0	17-11	1.030	45.34
110	70.5	164	140	82.5	17-11	1.800	66.49
125	84.0	164	161	91.0	17-11	2.460	92.06
140	89.5	172	173	97.0	17-11	2.500	157.41
160	87.0	222	200	109.0	17-11	4.700	180.46
180	98.5	230	224	118.0	26-11	6.250	263.40
200	106.5	250	248	129.5	26-11	8.000	363.73
225	112.5	274	279	144.0	17-11	10.800	391.96



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**PE 100 RC**



ATAM

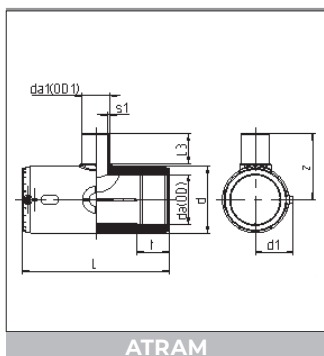
**T-STUKKEN 90°**

TES A 90°

TEES 90°

Max. werkdruk: water: 16 bar gas: 10 bar  
Pression service max.: eau : 16 bar gaz: 10 bar  
Working pressure max.: water: 16 bar gas: 10 bar

da	z	L	L3	d	t	d1	SDR	KG/ST/PC	€/ST/PC
20	62.0	110.5	42.5	32.0	36.0	36.0	11-7.4	0.065	13.41
25	66.0	110.5	42.5	37.0	39.5	39.5	11-7.4	0.080	13.41
32	76.0	122.5	47.0	47.0	43.0	43.5	11	0.125	14.73
40	86.0	139.5	50.5	57.5	48.0	47.5	11	0.206	17.03
50	100.5	160.5	58.0	69.0	54.5	52.5	11	0.300	21.46
63	116.0	185.5	66.0	87.0	62.0	58.5	17-11	0.538	24.03
75	128.0	210.5	71.5	96.5	69.0	64.0	17-11	0.650	33.89
90	171.5	293.0	91.0	124.0	76.0	72.5	17-11	1.720	42.83
110	190.0	326.5	101.0	148.5	71.5	85.0	17-11	2.670	68.62
125	215.0	347.5	111.0	170.0	86.0	93.1	17-11	3.700	86.40
140	227.0	350.0	92.0	189.0	89.5	98.0	17-11	4.600	153.30
160	245.0	370.5	122.0	211.5	85.0	110.5	17-11	6.120	160.04
180	275.0	419.5	130.0	232.0	98.5	123.5	17-11	9.000	278.51
200	302.0	427.0	136.0	264.0	105.0	139.0	17-11	10.980	356.97
225	325.0	479.5	147.0	287.0	110.0	150.0	17-11	13.400	436.40



ATRAM

**VERLOOP T-STUKKEN 90°**

TES REDUITS A 90°

TEES 90° REDUCING

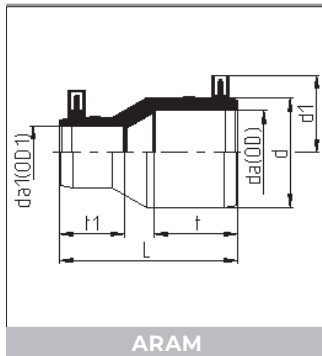
Max. werkdruk: water: 16 bar gas: 10 bar  
Pression service max.: eau : 16 bar gaz: 10 bar  
Working pressure max.: water: 16 bar gas: 10 bar

da	da1	L	L3	d	d1	t	s1	z	KG/ST/PC	€/ST/PC
25	20	110.5	42.5	37.0	39.5	39.5	3.0	65.0	0.070	13.60
32	20	122.5	42.5	47.0	43.5	43.0	3.0	70.0	0.113	14.93
32	25	122.5	42.5	47.0	43.5	43.0	3.0	70.0	0.115	14.93
40	20	139.5	42.5	57.5	47.5	48.0	3.0	77.0	0.188	17.25
40	25	139.5	42.5	57.5	47.5	48.0	3.0	77.0	0.190	17.25
40	32	139.5	47.0	57.5	47.5	48.0	3.0	82.0	0.192	17.25
50	20	160.5	42.5	69.0	52.5	54.5	3.0	82.0	0.275	21.75
50	25	160.5	42.5	69.0	52.5	54.5	3.0	82.0	0.276	21.75
50	32	160.5	47.0	69.0	52.5	54.5	3.0	87.0	0.279	21.75
50	40	160.5	50.5	69.0	52.5	54.5	3.7	90.0	0.286	21.75
63	20	185.5	42.5	87.0	58.5	62.0	3.0	91.5	0.498	24.02
63	25	185.5	42.5	87.0	58.5	62.0	3.0	91.5	0.499	24.02
63	32	185.5	47.0	87.0	58.5	62.0	3.0	96.5	0.500	24.02
63	40	185.5	50.5	87.0	58.5	62.0	3.7	99.5	0.490	24.02
63	50	185.5	58.0	87.0	58.5	62.0	4.6	110.0	0.500	24.02
75	50	210.5	58.0	96.5	64.0	69.0	4.6	114.0	0.580	34.36
75	63	210.5	66.0	96.5	64.0	69.0	5.8	121.0	0.605	34.36
90	50	291.5	58.0	124.0	72.5	76.0	4.6	127.0	1.546	42.83
90	63	291.5	66.0	124.0	72.5	76.0	5.8	135.0	1.575	42.83
110	63	326.5	66.0	148.5	85.0	71.5	5.8	147.0	2.388	68.61
110	90	326.5	91.0	148.5	85.0	71.5	8.2	181.0	2.600	68.61
125	63	347.5	66.0	170.0	93.1	86.0	5.8	157.0	3.343	86.40
125	90	347.5	91.0	170.0	93.1	86.0	8.2	192.0	3.466	86.40
125	110	347.5	101.0	170.0	93.1	86.0	10.0	202.0	3.583	86.40
160	63	370.5	63.0	211.5	110.5	85.0	5.8	180.0	5.500	160.04
160	90	370.5	91.0	211.5	110.5	85.0	8.2	214.0	5.611	160.04
160	110	370.5	101.0	211.5	110.5	85.0	10.0	224.0	5.714	160.04
160	125	370.5	111.0	211.5	110.5	85.0	11.4	233.0	5.838	160.04



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**PE 100 RC**

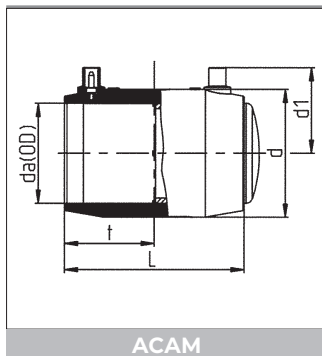


ARAM

REDUCTIES  
REDUCTIONS  
REDUCERS

Max. werkdruk: water: 16 bar gas: 10 bar  
Pression service max.: eau : 16 bar gaz: 10 bar  
Working pressure max.: water: 16 bar gas: 10 bar

da/da1	L	d	d1	t	t1	SDR	KG/ST/PC	€/ST/PC
25/20	108.5	35.0	37.0	39.0	36.0	11	0.056	9.12
32/20	108.5	43.0	43.0	43.0	36.0	11	0.065	9.90
32/25	108.5	42.0	44.0	43.0	39.0	11	0.071	9.90
40/20	118.5	53.0	48.0	48.0	36.0	11	0.092	11.39
40/25	118.5	53.0	48.0	48.0	39.0	11	0.094	11.39
40/32	118.5	53.0	47.0	48.0	43.0	11	0.100	12.64
50/25	133.5	67.0	49.0	54.0	39.0	11	0.143	15.81
50/32	133.5	67.0	53.0	54.0	42.5	11	0.150	15.81
50/40	133.5	67.0	53.0	54.0	47.5	11	0.165	17.30
63/32	132.5	83.0	56.0	61.7	42.5	11	0.230	20.63
63/40	132.5	83.0	56.0	61.7	47.5	11	0.240	20.63
63/50	148.5	83.0	59.5	61.7	53.6	11	0.273	20.63
75/50	155.5	97.0	63.0	69.0	53.5	11	0.336	27.16
75/63	155.5	97.0	63.0	69.0	61.5	17-11	0.380	27.95
90/63	171.5	117.0	73.5	71.5	62.5	17-11	0.550	32.26
110/63	200.5	140.5	84.0	72.0	62.5	17-11	0.860	52.59
110/90	180.5	140.5	84.0	72.0	71.0	17-11	0.940	52.59
125/90	183.5	156.0	90.0	83.0	68.7	17-11	0.992	64.60
125/110	173.5	156.0	90.0	82.0	69.5	17-11	1.050	64.60
160/90	240.5	200.0	108.5	89.5	71.0	17-11	1.890	91.76
160/110	224.5	200.0	108.5	89.5	71.0	17-11	1.980	94.06
225/160	282.5	280.0	147.0	113.0	88.0	17-11	5.120	213.49



ACAM

EINDKAPPEN  
BOUCHONS  
END CAPS

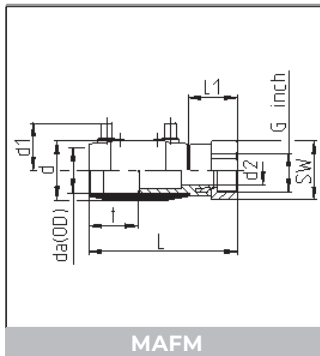
Max. werkdruk: water: 16 bar gas: 10 bar  
Pression service max.: eau : 16 bar gaz: 10 bar  
Working pressure max.: water: 16 bar gas: 10 bar

da	L	d	d1	t	SDR	KG/ST/PC	€/ST/PC
20	73.5	30.0	37.0	36.0	7.4	0.04	9.47
25	79.5	35.0	39.0	40.0	11-7.4	0.05	9.94
32	86.5	42.0	43.0	43.0	11	0.07	11.32
40	97.5	53.0	44.0	48.0	17-11	0.11	12.44
50	108.5	66.5	53.0	54.0	17-11	0.20	18.86
63	124.5	83.0	59.0	62.0	17-11	0.35	20.85
75	139.5	97.0	65.5	68.5	17-11	0.50	32.75
90	138.5	112.0	72.0	68.0	17-11	0.73	46.57
110	149.5	136.0	83.0	74.0	17-11	1.23	59.73
125	169.5	155.0	91.0	83.5	17-11	1.88	73.41
140	180.0	180.0	99.0	88.5	17-11	2.40	97.83
160	180.0	197.0	107.5	88.0	17-11	2.92	103.14
180	199.5	221.0	119.0	97.5	26-11	4.18	140.88
200	215.5	245.0	127.0	105.0	17-11	5.32	160.04
225	229.0	275.0	142.0	112.0	17-11	7.20	203.74
250	238.0	310.0	155.0	116.5	26-11	9.84	303.58
280	249.0	346.0	180.0	121.5	26-11	12.66	419.92
315	260.0	386.0	187.0	127.5	26-11	17.06	529.04



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**PE 100 RC**

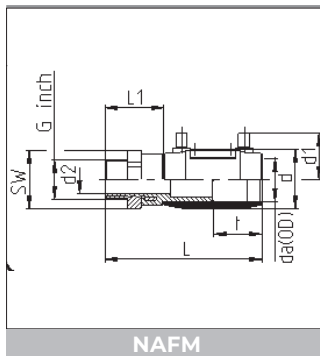


MAFM

OVERGANGSMOF, ELECTROLAS  
MANCHON D'ADAPTATION, ELECTROSOUDABLE  
ADAPTOR SOCKET, ELECTRO WELDING

Met messing binnendraad.  
Avec filetage femelle, laiton.  
With female thread brass.

da	G inch	L	L1	d	d1	d2	SW	t	K	E	SDR	KG ST/PC	€ ST/PC
20	1/2"	111	37	30	34	12.0	32	37	18.63	20.96	11	0,13	36.35
25	3/4"	121	40	35	37	16.0	36	40	24.12	26.44	11	0,19	39.85
32	1"	133	44	42	40	21.0	41	44	30.29	33.25	11	0,24	43.71
40	1 1/4"	148	49	53	44	27.5	50	49	38.95	41.91	17-11	0,39	57.66
50	1 1/2"	167	56	67	49	33.5	60	55	44.85	47.80	17-11	0,69	87.24
63	2"	194	67	83	56	42.0	70	63	56.66	59.61	17-11	1.02	118.37



NAFM

OVERGANGSMOF, ELECTROLAS  
MANCHON D'ADAPTATION, ELECTROSOUDABLE  
ADAPTOR SOCKET, ELECTRO WELDING

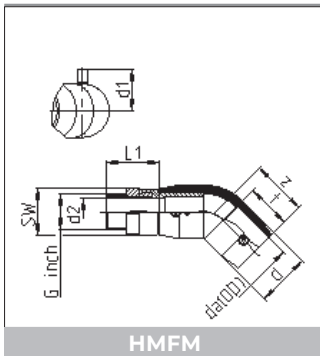
Met messing buitendraad.  
Avec filetage mâle, laiton.  
With male thread brass.

da	G inch	L	L1	d	d1	d2	SW	t	K	E	SDR	KG ST/PC	€ ST/PC
20	1/2"	120	45	30	34	12.0	32	37	18.63	20.96	11	0,14	36.83
25	3/4"	127	46	35	37	16.0	36	40	24.12	26.44	11	0,18	40.59
32	1/2"	132	43	42	43	12.0	41	44	18.63	20.96	11	0,26	50.09
32	3/4"	133	44	42	43	16.0	41	44	24.12	26.44	11	0,25	50.57
32	1"	138	49	42	40	21.0	41	44	30.29	33.25	11	0,24	51.24
32	1 1/4"	138	49	42	43	21.0	46	44	38.95	41.91	11	0,39	59.95
32	1 1/2"	140	51	42	43	21.0	55	44	44.85	47.80	11	0,56	72.39
40	1"	147	48	53	47	21.0	50	49	30.29	33.25	17-11	0,38	62.18
40	1 1/4"	151	52	53	44	27.5	50	49	38.95	41.91	17-11	0,36	62.75
40	1 1/2"	151	52	53	47	28.0	55	49	44.85	47.80	17-11	0,49	72.03
40	2"	155	56	53	47	28.0	65	49	56.66	59.61	17-11	0,88	96.32
50	1"	159	48	67	53	21.0	60	55	30.29	33.25	17-11	0,62	78.17
50	1 1/4"	162	51	67	53	28.0	60	55	38.95	41.91	17-11	0,60	81.08
50	1 1/2"	166	55	67	49	33.5	60	55	44.85	47.80	17-11	0,53	84.63
50	2"	168	57	67	53	34.0	65	55	56.66	59.61	17-11	0,84	93.26
63	1 1/4"	179	52	83	60	28.0	70	63	38.95	41.91	17-11	0,92	100.12
63	1 1/2"	183	56	83	60	34.0	70	63	44.85	47.80	17-11	0,88	100.44
63	2"	189	62	83	56	42.0	70	63	56.66	59.61	17-11	0,83	100.69



electrolasfittings met geïntegreerde lasmof - AGRULINE  
 raccords en PEHD avec manchon électrique intégré - AGRULINE  
 electrofusion fittings with integrated sockets - AGRULINE

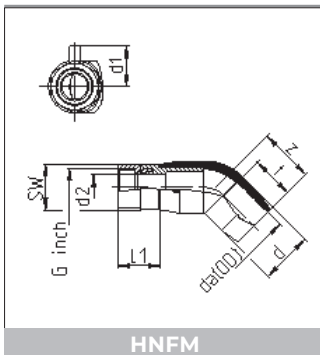
**PE 100 RC**



**OVERGANGSBOCHT 45°**  
**COUDE D'ADAPTATION 45°**  
**ADAPTOR ELBOW 45°**

Met messing binnendraad.  
 Avec filetage femelle, laiton.  
 With female thread brass.

da	G inch	z	L1	d	d1	d2	SW	t	K	E	SDR	KG ST/PC	€ ST/PC
20	1/2"	52	45	30	34	12.0	32	37	18.63	20.96	11	0.149	<b>47.30</b>
25	3/4"	52	46	35	37	16.0	36	40	24.12	26.44	11	0.180	<b>49.59</b>
32	1"	56	49	42	40	21.0	41	44	30.29	33.25	11	0.260	<b>54.01</b>
40	1 1/4"	63	52	53	44	27.5	50	49	38.95	41.91	17-11	0.400	<b>71.45</b>
50	1 1/2"	70	55	67	49	33.5	60	55	44.85	47.80	17-11	0.572	<b>101.86</b>
63	2"	82	62	83	56	42.0	70	63	56.66	59.61	17-11	0.903	<b>136.22</b>



**OVERGANGSBOCHT 45°**  
**COUDE D'ADAPTATION 45°**  
**ADAPTOR ELBOW 45°**

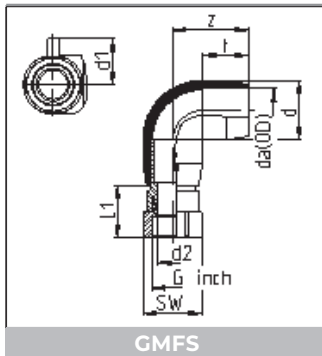
Met messing buitendraad.  
 Avec filetage mâle, laiton.  
 With male thread brass.

da	G inch	z	L1	d	d1	d2	SW	t	K	E	SDR	KG ST/PC	€ ST/PC
20	1/2"	52	36	30	34	12.0	32	37	18.63	20.96	11	0.160	<b>47.81</b>
25	3/4"	52	40	35	37	16.0	36	40	24.12	26.44	11	0.202	<b>50.36</b>
32	1"	56	44	42	40	21.0	41	44	30.29	33.25	11	0.270	<b>61.55</b>
40	1 1/4"	63	49	53	44	27.5	50	49	38.95	41.91	17-11	0.430	<b>76.50</b>
50	1 1/2"	70	56	67	49	33.5	60	55	44.85	47.80	17-11	0.600	<b>94.35</b>
63	2"	82	67	83	56	42.0	70	63	56.66	59.61	17-11	1.150	<b>136.24</b>



electrolasfittings met geïntegreerde lasmof - AGRULINE  
raccords en PEHD avec manchon électrique intégré - AGRULINE  
electrofusion fittings with integrated sockets - AGRULINE

**PE 100 RC**

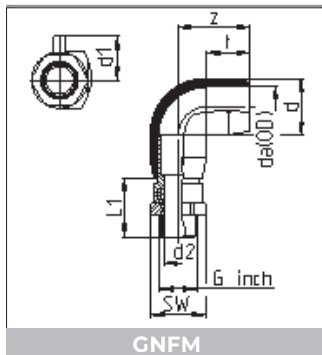


OVERGANGSBOCHT 90°  
COUDE D'ADAPTATION 90°  
ADAPTOR ELBOW 90°

Met messing binnendraad.  
Avec filetage femelle, laiton.  
With female thread brass.

GMFS

da	G inch	z	L1	d	d1	d2	SW	t	K	E	SDR	KG ST/PC	€ ST/PC
20	1/2"	58	36	30	34	12.0	32	37	18.63	20.96	11	0.177	47.31
25	3/4"	61	40	35	37	16.0	36	40	24.12	26.44	11	0.215	49.59
32	1"	65	44	42	40	21.0	41	44	30.29	33.25	11	0.276	54.01
40	1 1/4"	75	49	53	44	27,5	50	49	38.95	41.91	17-11	0.427	71.45
50	1 1/2"	85	56	67	49	33,5	60	55	44.85	47.80	17-11	0.775	101.86
63	2"	100	67	83	56	42.0	70	63	56.66	59.61	17-11	0.900	136.24

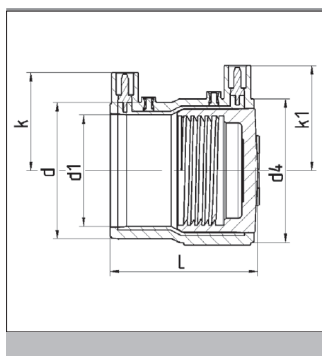


OVERGANGSBOCHT 90°  
COUDE D'ADAPTATION 90°  
ADAPTOR ELBOW 90°

Met messing buitendraad.  
Avec filetage mâle, laiton.  
With male thread brass.

GNFM

da	G inch	z	L1	d	d1	d2	SW	t	K	E	SDR	KG ST/PC	€ ST/PC
20	1/2"	58	45	30	34	12.0	32	37	18.63	20.96	11	0.155	47.81
25	3/4"	61	46	35	37	16.0	36	40	24.12	26.44	11	0.196	50.39
32	1"	65	49	42	40	21.0	41	44	30.29	33.25	11	0.265	61.55
40	1 1/4"	75	52	53	44	27,5	50	49	38.95	41.91	17-11	0.412	76.50
50	1 1/2"	85	55	67	49	33,5	60	55	44.85	47.80	17-11	0.617	107.62
63	2"	100	62	83	56	42.0	70	63	56.66	59.61	17-11	0.966	118.54



E-SCHROEFKAP VOOR ELECTROLAS  
E-BOUCHON FILETE POUR MANCHON ELECTRO-SOUDABLE  
E-SCREW CAP FOR ELECTRO WELDING SLEEVES

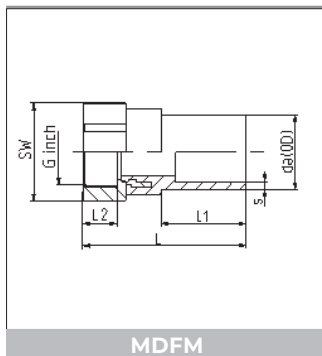
Voor aanboorzadels  
Pour colliers de prise en charge  
For clamp saddles

da	L	d	d1	d4	k	k1	SDR	KG/ST/PC	€/ST/PC
63	75.5	70.2	56	74.5	52	56	11	0.11	16.26
90-315	83.0	78.0	64	82.6	56	60	11	0.20	16.26



electrolasfittings met geïntegreerde lasmof - AGRULINE  
raccords en PEHD avec manchon électrique intégré - AGRULINE  
electrofusion fittings with integrated sockets - AGRULINE

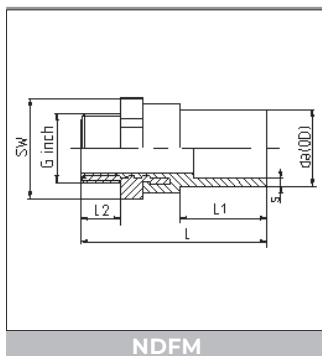
**PE 100 RC**



OVERGANGSTUK VOOR ELECTROLASMOF  
PIECE D'ADAPTATION POUR MANCHON ELECTRO-SOUDABLE  
TRANSITION ADAPTOR FOR ELECTRO WELDING SLEEVES

Met messing binnendraad.  
Avec filetage femelle, laiton.  
With female thread brass.

da	G inch	S	L	L1	L2	SW	K	E	SDR	KG/STPC	€/ST/PC
20	1/2"	3.0	76	40	27	32	18.63	20.96	11	0.127	24.84
25	3/4"	3.0	80	43	28	36	24.12	26.44	11	0.151	26.79
32	1"	3.0	88	46	34	41	30.29	33.25	11	0.197	29.71
40	1 1/4"	3.7	98	51	36	50	38.95	41.91	17-11	0.295	41.56
50	1 1/2"	4.6	110	57	43	60	44.85	47.80	17-11	0.525	62.50
63	2"	5.8	129	65	52	70	56.66	59.61	17-11	0.768	89.14



OVERGANGSTUK VOOR ELECTROLASMOF  
PIECE D'ADAPTATION POUR MANCHON ELECTRO-SOUDABLE  
TRANSITION ADAPTOR FOR ELECTRO WELDING SLEEVES

Met messing buitendraad.  
Avec filetage mâle, laiton.  
With male thread brass.

da	G inch	s	L	L1	L2	SW	K	E	SDR	KG/ST/PC	€/ST/PC
20	1/2"	3.0	81	40	16	32	18.63	20.96	11	0,103	25.21
25	3/4"	3.0	85	43	16	36	24.12	26.44	11	0,133	27.44
32	1/2"	3.0	88	46	16.5	41	18.63	20.96	11	0.195	35.65
32	3/4"	3.0	90	46	18.0	41	24.12	26.44	11	0.187	35.86
32	1"	3.0	92	46	19.0	41	30.29	33.25	11	0,185	36.30
32	1 1/4"	3.0	95	46	23.0	41	38.95	41.91	11	0.300	44.13
32	1 1/2"	3.0	97	46	25.0	41	44.85	47.80	11	0.480	55.03
40	1"	3.7	99	51	21.0	50	30.29	33.25	11	0.290	45.35
40	1 1/4"	3.7	100	51	21.0	50	38.95	41.91	17-11	0,269	45.98
40	1 1/2"	3.7	103	51	25.0	50	44.85	47.80	17-11	0.400	54.24
40	2"	3.7	107	51	29.0	50	56.66	59.61	11	0.760	76.80
50	1"	4.6	105	57	21.0	60	30.29	33.25	11	0.440	52.20
50	1 1/4"	4.6	108	57	22.0	60	38.59	41.91	11	0.427	53.78
50	1 1/2"	4.6	109	57	24.8	60	44.85	47.80	17-11	0,380	56.64
50	2"	4.6	114	57	29.0	60	56.66	59.61	11	0.680	64.78
63	1 1/4"	5.8	117	65	21.0	70	38.95	41.91	11	0.634	73.06
63	1 1/2"	5.8	121	65	25.0	70	44.85	47.80	11	0.570	73.33
63	2"	5.8	124	65	27.0	70	56.66	59.61	17-11	0.573	73.61

Eveneens leverbaar MDFM en NDFM met staal

Aussi livrable MDFM et NDFM avec acier

Also available MDFM and NDFM with steel

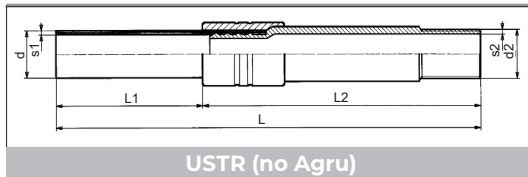
20 x 1/2"      25 x 3/4"      32 x 1"      40 x 1 1/4"      50 x 1 1/2"      63 x 2"





electrolasfittings met geïntegreerde lasmof - AGRULINE  
raccords en PEHD avec manchon électrique intégré - AGRULINE  
electrofusion fittings with integrated sockets - AGRULINE

**PE 100 RC**



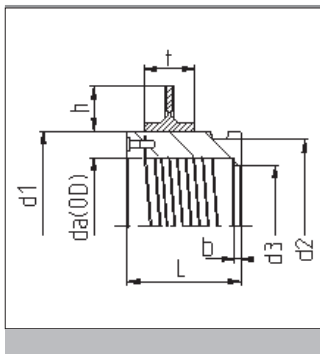
USTR (no Agru)

OVERGANGSSTUK PE/STAAL 1.8723/L245 (ISO 3183)  
ADAPTEUR DES SOUDAGE PE/ACIER 1.8723/L245 (ISO 3183)  
WELDING ADAPTOR PE/STEEL 1.8723/L245 (ISO 3183)

Zonder draad / sans fil / without thread - Coating Plascoat PPA571

d	d2	L	L1	L2	s1	s2	SDR	KG/ ST/PC	€/ST/PC
25	27.5	495	160	335	3.0	2.6	11	0.7	88.06
32	33.7	495	160	335	3.0	3.2	11	1.0	99.56
40	42.4	495	160	335	3.7	3.2	11	1.3	113.49
50	48.3	495	160	335	4.6	3.2	11	1.5	122.77
63	60.3	520	185	335	5.8	3.6	11	2.4	143.59
75	76.0	525	190	335	6.8	3.6	11	3.4	315.05
90	88.9	525	190	335	8.2	4.0	11	4.0	454.08
110	114.3	525	190	335	10.0	4.5	11	6.2	548.98
125	114.3	525	190	335	11.4	4.5	11	6.6	648.68
140	139.7	600	200	400	12.7	5.0	11	10.5	764.46
160	168.3	650	200	450	14.6	5.0	11	13.4	827.04
180	168.3	650	200	450	16.4	5.0	11	13.8	1130.44
200	219.1	700	200	500	18.2	5.6	11	21.9	1199.99
225	219.1	700	200	500	20.5	5.6	11	23.5	1234.82
250	273.0	880	300	580	22.7	6.3	11	32.7	2005.73
280	273.0	880	300	580	25.4	6.3	11	39.2	2953.03
315	323.9	930	350	580	28.6	8.0	11	60.4	3281.13
355	323.9	930	350	580	32.3	8.0	11	63.5	*
400	406.4	950	350	600	36.4	8.0	11	106.1	*
450	406.4	950	350	600	40.9	8.0	11	120.8	*
500	508.0	950	350	600	45.5	8.0	11	147.5	*
560	508.0	950	350	600	50.9	8.0	11	162.4	*
630	610.0	950	350	600	57.3	8.0	11	192.5	*

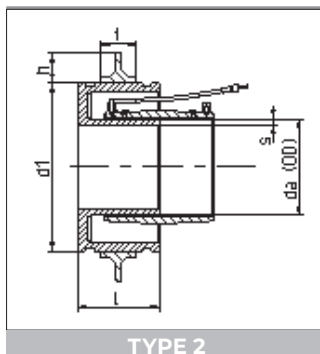
\* op aanvraag / sur demande / on request



SCHACHTAANSLUITING - SAM VOOR ELECTROLASMOF  
MANCHON RACCORD AU PUIT - SAM - ELECTRO-SOUDABLE  
CONCRETE CONNECTION SOCKET - SAM FOR ELECTRO WELDING SLEEVES

Met muurkraag / Avec collet mural / With assembled puddle frange

da	L	d1	d3	h	t	SDR	KG/ST/PC	€/ST/PC
160	135	197	151	50.0	60	33-11	2.14	227.44
225	135	272	212	50.0	60	33-11	3.38	283.05
280	135	345	264	50.0	60	33-11	5.20	349.08
355	135	440	338	37.5	75	33-11	8.60	496.09
450	135	494	430	37.5	75	33-11	6.20	551.73
560	135	620	540	37.5	75	33-11	10.60	694.17



TYPE 2

SCHACHTAANSLUITING - TYPE 2  
MANCHON RACCORD AU PUIT - TYPE 2  
CONCRETE CONNECTION SOCKET - TYPE 2

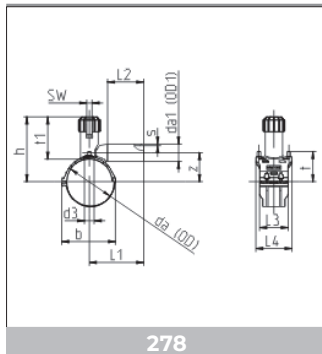
Met muurkraag gemonteerd / Avec collet mural monté / With assembled puddle frange

da	L	d1	s	h	t	SDR	KG/ST/PC	€/ST/PC
110	135	216	6.6	50	60	33-17	3.600	322.77
125	135	216	7.4	50	60	33-17	4.460	373.88
160	135	280	9.5	50	60	33-17	5.600	400.88
180	135	310	10.7	50	60	33-17	7.600	458.95
200	135	312	11.9	50	60	33-17	6.338	467.22
225	135	355	13.4	50	60	33-17	9.400	627.55
250	135	375	14.8	37.5	75	33-17	11.200	693.85
280	135	420	16.6	37.5	75	33-17	12.125	881.03
315	135	460	18.7	37.5	75	33-17	17.900	1018.34
355	135	480	21.1	37.5	75	33-17	18.001	1099.58
400	135	550	23.7	37.5	75	33-17	26.400	1337.46



electrolasfittings met geïntegreerde lasmof - AGRULINE  
raccords en PEHD avec manchon électrique intégré - AGRULINE  
electrofusion fittings with integrated sockets - AGRULINE

**PE 100 RC**



AANBOORZADEL MET SCHROEFKAP - TYPE 278  
COLLIER DE PRISE EN CHARGE AVEC BOUCHON DE FILETE - TYPE 278  
TAPPING SADDLE WITH SCREW CAP - TYPE 278

Gasdicht / étanche / gastight

278

da/da1	s	z	L1	L2	L3	d3	h	b	SW	t	t1	KG/ST/PC	€/ST/PC
40/20	3.0	36.0	100	78	70	16	103.0	71.5	10	45.5	82.0	0.173	52.62
* 40/25	3.0	36.0	110	89	70	16	103.0	71.5	10	45.5	82.0	0.108	52.62
40/32	3.0	36.0	120	92	70	16	103.0	71.5	10	45.5	82.0	0.189	52.62
63/20	3.0	60.0	120	78	102	26	169.5	99.0	10	59.5	138.0	0.560	61.74
63/25	3.0	58.0	120	89	102	26	169.5	99.0	10	59.5	138.0	0.560	61.74
63/32	3.0	57.0	129	92	102	26	169.5	99.0	10	59.5	138.0	0.560	61.74
* 63/40	3.7	58.5	141	102	102	26	169.5	99.0	10	59.5	138.0	0.580	68.54
63/63	5.8	60.0	178	130	102	26	169.5	99.0	10	59.5	138.0	0.690	68.54
* 90/20	3.0	67.0	120	78	103	32	196.5	128.0	17	73.0	151.5	0.734	67.75
* 90/25	3.0	67.0	125	89	103	32	196.5	128.0	17	73.0	152.0	0.741	67.75
90/32	3.0	67.0	130	92	103	32	196.5	128.0	17	73.0	152.0	0.785	67.75
* 90/40	3.7	67.0	150	130	103	32	196.5	128.0	17	73.0	152.0	0.772	74.36
90/63	5.8	67.0	184	130	103	32	196.5	128.0	17	73.0	152.0	0.885	74.36
110/20	3.0	76.0	120	78	103	32	206.5	149.0	17	83.0	152.0	0.812	76.37
110/25	3.0	76.0	125	89	103	32	206.5	149.0	17	83.0	152.0	0.800	76.37
110/32	3.0	76.0	131	95	103	32	206.5	149.0	17	83.0	152.0	0.800	76.37
110/40	3.7	76.0	151	102	103	32	206.5	149.0	17	83.0	152.0	0.834	81.20
110/63	5.8	82.5	185	130	103	32	206.5	149.0	17	83.0	152.0	0.945	81.20
* 125/20	3.0	82.0	120	78	103	32	214.0	166.0	17	91.0	152.0	0.810	88.71
125/25	3.0	82.0	125	89	103	32	214.0	166.0	17	91.0	152.0	0.808	88.71
125/32	3.0	82.0	131	95	103	32	214.0	166.0	17	91.0	152.0	0.820	88.71
* 125/40	3.7	82.0	151	102	103	32	214.0	166.0	17	91.0	152.0	0.850	94.44
125/63	5.8	82.0	185	130	103	32	214.0	166.0	17	91.0	152.0	0.980	94.44
* 160/20	3.0	98.5	121	78	103	32	231.5	204.0	17	108.0	152.0	0.850	115.16
* 160/25	3.0	99.0	125	89	103	32	231.5	204.0	17	108.0	152.0	0.504	115.16
160/32	3.0	99.0	130	92	103	32	231.5	204.0	17	108.0	152.0	0.890	115.16
* 160/40	3.7	103.5	148	102	103	32	231.5	204.0	17	108.0	152.0	0.930	125.71
160/63	5.8	102.5	198	130	103	32	231.5	204.0	17	108.0	152.0	1.058	125.71
** 180/25	3.0	115.0	125	89	102	32	241.5	220.0	17	121.0	152.0	0.940	141.93
180/32	3.0	115.0	130	95	102	32	241.5	220.0	17	121.0	152.0	0.933	141.93
180/63	5.8	115.0	198	130	103	32	241.5	220.0	17	121.0	152.0	1.070	141.93
** 200/20	3.0	116.0	120	78	102	32	251.5	253.0	17	128.0	152.0	0.990	162.51
** 200/25	3.0	117.0	125	89	102	32	251.5	253.0	17	128.0	152.0	0.600	162.51
200/32	3.0	118.0	130	95	102	32	251.5	253.0	17	128.0	152.0	1.000	162.51
** 200/40	3.7	118.0	158	102	102	32	251.5	253.0	17	128.0	152.0	1.040	165.11
200/63	5.8	122.0	198	130	102	32	251.5	253.0	17	128.0	152.0	1.120	165.11
** 225/25	3.0	138.5	125	89	102	32	297.0	275.0	17	140.5	184.0	1.170	175.59
225/32	3.0	138.5	130	92	102	32	297.0	275.0	17	140.5	184.0	1.170	175.59
225/63	5.8	138.5	207	130	102	32	297.0	275.0	17	140.5	184.0	1.300	187.18
** 250/32	3.0	151.0	130	92	102	32	297.0	265.5	17	155.0	184.5	1.110	238.05
250/63	5.8	151.0	207	130	102	32	297.0	265.5	17	140.5	184.0	1.330	238.05
315/63	5.8	181.5	215	130	104	32	342.0	390.0	17	185.0	184.0	1.350	255.01

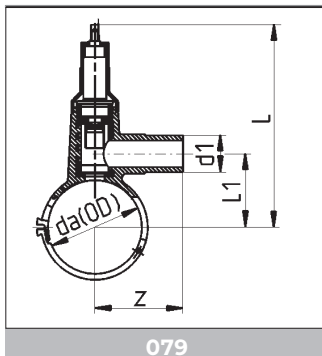
\* min. 1000 st/pc

\*\* min. 500 st/pc



electrolasfittings met geïntegreerde lasmof - AGRULINE  
raccords en PEHD avec manchon électrique intégré - AGRULINE  
electrofusion fittings with integrated sockets - AGRULINE

**PE 100 RC**



AANBOORZADEL MET VENTIEL - TYPE 079  
COLLIER DE PRISE EN CHARGE AVEC ROBINET - TYPE 079  
TAPPING SADDLE - TYPE 079

Met geïntegreerd messing ventiel en snijschroef.  
A robinet en laiton et perforateur.  
Brass valve integrated cutter.

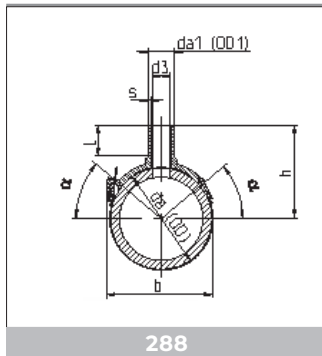
da/da1	L1	L	z	KG/ST/PC	€/ST/PC
63/32	131.0	163	65.3	1.548	<b>354.91</b>
63/40	140.0	163	65.3	1.660	<b>354.91</b>
63/50	160.5	163	65.3	1.647	<b>363.75</b>
63/63	187.0	163	65.3	1.770	<b>363.75</b>
90/32	135.0	203	79.0	2.420	<b>366.52</b>
90/40	145.0	203	79.0	2.440	<b>366.52</b>
90/50	161.0	203	79.0	2.500	<b>376.60</b>
90/63	192.0	203	79.0	2.519	<b>376.60</b>
110/32	137.0	203	87.0	2.460	<b>377.44</b>
110/40	147.0	203	87.0	2.498	<b>377.44</b>
110/50	160.0	203	87.0	2.497	<b>381.19</b>
110/63	192.6	203	87.0	2.588	<b>381.19</b>
125/32	137.0	203	95.9	2.490	<b>384.23</b>
125/40	147.0	203	95.9	2.491	<b>384.23</b>
125/50	161.0	203	95.9	2.520	<b>388.66</b>
125/63	192.0	203	95.9	2.610	<b>388.66</b>
140/32	137.0	203	103.5	2.460	<b>386.43</b>
140/40	147.0	203	103.5	2.500	<b>386.43</b>
140/50	161.0	203	103.5	2.520	<b>388.43</b>
140/63	192.0	203	103.5	2.600	<b>390.24</b>
160/32	137.0	203	113.2	2.550	<b>394.44</b>
160/40	147.0	203	113.2	2.560	<b>394.44</b>
160/50	161.0	203	113.2	2.600	<b>399.17</b>
160/63	189.0	203	113.2	2.680	<b>399.17</b>
180/32	137.0	203	124.0	2.644	<b>425.22</b>
180/40	147.0	203	124.0	2.623	<b>425.22</b>
180/50	161.0	203	124.0	2.689	<b>435.89</b>
180/63	189.0	203	124.0	2.772	<b>435.89</b>
200/32	137.0	203	134.0	2.502	<b>436.62</b>
200/40	146.0	203	134.0	2.500	<b>436.62</b>
200/50	159.0	203	134.0	2.550	<b>439.06</b>
200/63	191.0	203	134.0	2.620	<b>439.06</b>
225/32	137.0	203	147.6	2.550	<b>503.89</b>
225/40	147.0	203	147.6	2.553	<b>503.89</b>
225/50	160.0	203	147.6	2.600	<b>516.53</b>
225/63	192.0	203	147.6	2.700	<b>516.53</b>
250/63	224.5	203	169.6	2.495	<b>544.51</b>
315/63	192.0	203	203.6	2.800	<b>565.11</b>
355/63	192.0	203	203.0	2.800	<b>565.11</b>

Voor het bedienen van ventiel is een installatie kit vereist.  
Pour actionner la vanne de dérivation, une kit d'installation est nécessaire.  
For operating the pressure tapping valve an installation kit is required.



electrolasfittings met geïntegreerde lasmof - AGRULINE  
raccords en PEHD avec manchon électrique intégré - AGRULINE  
electrofusion fittings with integrated sockets - AGRULINE

**PE 100 RC**



AANBOORZADEL - TYPE 288  
COLLIER DE PRISE EN CHARGE - TYPE 288  
SPIGOT SADDLE - TYPE 288

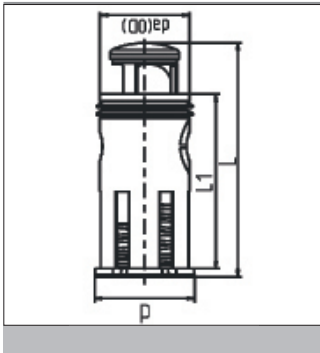
da/da1	h	d3	b	s	alph(°)	L	KG/ST/PC	€/ST/PC
90/ 20	130.0	12	120.0	3.0	0	56	0.179	94.11
90/ 32	130.0	24	120.0	3.0	0	60	0.180	94.34
90/ 40	130.0	32	120.0	3.7	0	64	0.350	94.34
90/ 63	141.5	45	120.0	5.8	0	77	0.260	96.34
110/ 20	138.5	12	143.5	3.0	0	56	0.204	94.77
110/ 32	138.5	24	143.5	3.0	0	60	0.210	95.02
110/ 40	138.5	31	143.5	3.7	0	64	0.220	95.02
110/ 63	153.5	45	143.5	5.8	0	77	0.305	97.44
125/ 20	145.5	12	155.0	3.0	0	56	0.224	123.25
125/ 32	145.5	24	155.0	3.0	0	60	0.229	123.53
125/ 40	145.5	32	155.0	3.7	0	64	0.236	123.53
125/ 63	158.5	45	155.0	5.8	0	77	0.323	146.55
140/ 20	145.5	12	170.0	3.0	0	56	0.224	123.69
140/ 32	145.5	24	170.0	3.0	0	60	0.350	123.69
140/ 40	145.5	32	170.0	3.7	0	64	0.367	123.69
140/ 63	166.0	45	170.0	5.8	0	77	0.323	147.23
160/ 32	168.0	24	193.5	3.0	0	60	0.444	113.77
160/ 40	168.0	31	193.5	3.7	0	64	0.428	113.87
160/ 50	184.0	36	193.5	4.6	0	71	0.487	116.13
160/ 63	184.0	45	193.5	5.8	0	77	0.510	115.23
160/ 90	202.0	65	196.5	8.2	0	92	0.881	140.45
160/110	202.0	84	196.5	10.0	0	98	0.949	141.58
180/ 32	177.0	24	214.5	3.0	0	60	0.472	115.65
180/ 40	177.0	31	214.5	3.7	0	64	0.481	115.81
180/ 50	193.0	36	214.5	4.6	0	71	0.565	116.33
180/ 63	193.0	45	214.5	5.8	0	77	0.589	116.72
180/ 90	216.0	65	216.5	8.2	0	92	1.005	142.24
180/110	216.0	84	216.5	10.0	0	98	1.095	143.28
200/ 20	181.0	12	230.0	3.0	40	56	0.269	128.86
200/ 32	185.0	24	230.0	3.0	40	60	0.272	128.86
200/ 40	189.0	32	230.0	3.7	40	64	0.278	128.86
200/ 63	202.0	45	230.0	5.8	40	77	0.519	134.18
225/ 32	203.0	24	244.5	3.0	0	60	0.464	137.04
225/ 40	203.0	31	244.5	3.7	0	64	0.470	136.50
225/ 50	219.0	36	244.5	4.6	40	71	0.530	137.69
225/ 63	219.0	45	244.5	5.8	40	77	0.555	138.08
225/ 90	237.0	65	244.5	8.2	30	92	0.942	155.54
225/110	237.0	84	244.5	10.0	30	97	1.018	156.82
250/ 50	231.0	36	242.0	4.6	40	72	0.376	147.35
250/ 63	231.0	45	266.0	5.8	40	77	0.550	147.35
250/ 75	251.0	55	266.0	6.8	30	86	0.731	167.85
250/ 90	251.0	65	266.0	8.2	30	92	0.991	167.85
250/110	251.0	84	266.0	10.0	30	98	1.068	169.04
280/ 50	231.0	45	305.0	4.6	40	72	0.376	147.98
280/ 63	231.0	45	305.0	5.8	40	77	0.550	147.98
280/ 90	251.0	65	305.0	8.2	30	92	1.038	202.60
280/110	251.0	84	305.0	10.0	30	98	1.068	204.09
315/ 63	266.0	45	294.0	5.8	40	77	0.619	148.44
315/ 90	285.0	65	326.5	8.2	30	92	1.059	169.64
315/110	285.0	84	326.5	10.0	30	98	1.185	170.94
355/ 63	266.0	45	294.0	5.8	40	77	0.619	192.14
355/ 90	285.0	65	326.5	8.2	30	92	1.060	227.91
355/110	285.0	84	326.5	10.0	30	98	1.190	236.80

Onderste deel : schroefbaar  
Partie inf. : vissable  
Bottom part: screwable



electrolasfittings met geïntegreerde lasmof - AGRU GAS-LOCK  
 raccords en PEHD avec manchon électrique intégré - AGRU GAS-LOCK  
 electrofusion fittings with integrated sockets - AGRU GAS-LOCK

**PE 100 RC**



#### AGRU GAS-LOCK

##### Het veiligheidstoestel voor gasaftakleidingen / huisaansluitingen.

Stopt onmiddellijk gaslekages wanneer een vertakte gasleiding beschadigd raakt tijdens bouw- werkzaamheden. De overstroom gasklep kan worden geïntegreerd in PE100RC-zadelfittingen. Ze bestaan uit een PPA / PA6T / 6I behuizing met een RVS veer en een NBR rubberen afdich- ting. Zodra het lek is hersteld en er tegendruk is uitgeoefend, gaat de klep automatisch weer open. Het doorstroomventiel wordt geleverd met een traceerbaarheidssticker. Uitsluitend compatibel met AGRU aanboorzadels type 278 en 079.

##### Le dispositif de sécurité pour les conduites de branchement de gaz / les raccords domestiques.

Arrête immédiatement les fuites de gaz lorsqu'un tuyau de gaz ramifié est endommagé pendant les travaux de construction. La vanne d'excès de gaz peut être intégrée aux raccords de selle PE100R. Ils se composent d'un boîtier enPPA / PA6T / 6I avec un ressort en acier inoxydable et un joint de NBR. Une fois la fuite réparée et la contre-pression appliquée, la vanne se rouvre automatiquement. Le limiteur de débit est fourni avec un autocollant de traçabilité. Uniquement compatible avec les colliers de prise en charge AGRU type 278 et 079.

##### The safetydevice for gas branch pipes/house connections.

Immediately stops gas leaks when a branched gas pipe is damaged during construction works. The excess gas flow valve can be integrated to PE100RC saddle fittings. They consist of a PPA/PA6T/6I housing with a stainless steel spring and a NBR seal. Once the leak is repaired and counter pressure is applied the valve automatically reopens. The excess flow valve is supplied with traceability sticker. Only compatible with AGRU spigot saddles type 278 and 079.

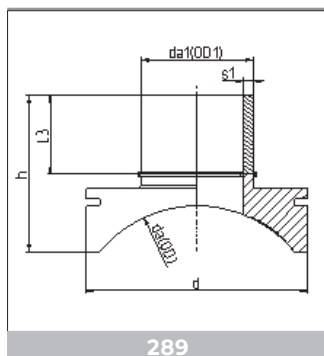


D (OD mm)	L2 mm	L3 mm	d3 mm	d mm	gewicht/poids weight (kg)	druk/pression pressure (bar)	nom. debiet/débit nom. flow $V_n$ (m <sup>3</sup> /h)	min. afsluit debiet débit min.fermeture min. shut of flow (m <sup>3</sup> /h)	min. afsluit debiet débit min. fermeture min. shut of flow @ 1 bar (m <sup>3</sup> /h)	min. afsluit debiet débit min. fermeture min. shut of flow @ 4 bar (m <sup>3</sup> /h)
20	52.2	40.2	12.9	17.0	0.01	1.0-5.0	25	40	50	90
32	65.5	48.6	24.8	27.8	0.02	1.0-5.0	100	160	200	360



electrolasfittings met geïntegreerde lasmof - AGRULINE  
raccords en PEHD avec manchon électrique intégré - AGRULINE  
electrofusion fittings with integrated sockets - AGRULINE

**PE 100 RC**



AANBOORZADEL, TYPE TOPLOAD - 289  
COLLIER DE PRISE EN CHARGE, TYPE TOPLOAD - 289  
SPIGOT SADDLE, TYPE TOPLOAD - 289

**SDR 11, ISO S-5**

da/da1	MOP	h	d	s1	L3	KG/ST/PC
355/ 90	16	176	200	8.2	94	1.080
400/110	16	189	250	10.0	97	2.180
400/250	16	327	450	22.7	144	13.450
450/110	16	186	250	10.0	97	1.880
450/125	16	199	280	11.4	102	3.300
500/ 63	16	152	200	5.8	78	1.067
500/160	16	229	315	14.6	113	4.800
500/200	16	272	400	18.2	127	8.400
560/ 90	16	166	200	8.2	94	1.065
560/110	16	179	250	10.0	97	1.807
560/160	16	223	315	14.6	113	4.380
560/180	16	244	355	16.4	120	4.504
560/225	16	255	400	20.5	135	8.840
560/280	16	328	500	25.4	154	13.220
630/ 63	16	150	200	5.8	78	0.970
630/110	16	176	250	10.0	97	1.980
630/160	16	219	315	14.6	113	4.280
630/200	16	258	400	18.2	127	7.920
630/280	16	303	500	25.4	154	12.410
630/315	16	346	560	28.6	165	21.000
710/160	16	214	315	14.6	113	4.160
710/225	16	257	400	20.5	135	8.000
800/ 63	16	146	200	5.8	78	0.918
800/125	16	181	280	11.4	102	2.510
800/160	16	211	315	14.6	113	4.100
800/225	16	252	400	20.5	135	7.800
800/250	16	276	450	22.7	144	10.500
900/280	16	277	500	25.4	154	10.759
1000/225	16	253	400	20.5	165	8.760
1000/315	16	318	560	28.6	165	19.800
1000/355	16	355	560	32.2	179	27.200
1200/315	16	336	560	28.6	165	15.300
1200/355	16	341	630	32.2	179	20.053
1400/110	16	164	250	10.0	97	2.640
1400/400	16	332	630	36.3	194	21.464
1600/450	8	446	710	40.9	210	30.196

**SDR 17, ISO S-8**

da/da1	MOP	h	d	s1	L3	KG/ST/PC
1800/500	5	462	800	29.7	227	35.967
2000/560	5	477	900	33.2	250	50.628
2250/630	5	490	1000	37.4	270	70.885
2500/710	5	513	1120	42.1	270	94.927

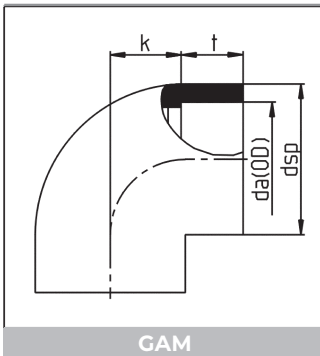
prijzen op aanvraag / prix sur demande / prices on request

Een installatie kit vereist.  
Une kit d'installation est nécessaire.  
An installation kit is required.



moflasfittings  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

**PE 100**

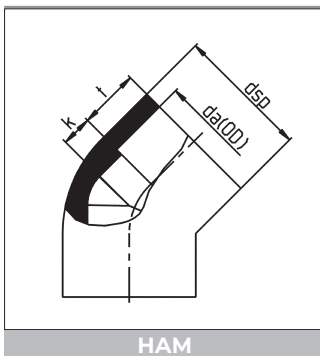


KNIEEN 90°  
COUDES A 90°  
ELBOWS 90°

**PN 16**

Gespoten  
Injectés  
Moulded

da	dsp	K	t	KG/ST/PC	€/ST/PC
20	29.3	14	16.0	0.02	3.32
25	35.1	17	18.0	0.03	3.98
32	43.2	20	19.5	0.05	4.88
40	53.3	25	21.5	0.08	6.14
50	65.0	28	25.0	0.14	11.39
63	81.5	35	30.5	0.26	14.81
75	92.0	38	33.0	0.33	31.31
90	112.5	49	36.5	0.58	39.32
110	133.0	57	43.0	0.87	59.36



KNIEEN 45°  
COUDES A 45°  
ELBOWS 45°

**PN 16**

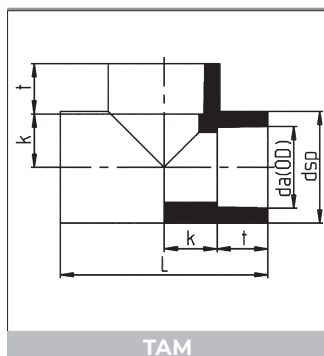
Gespoten  
Injectés  
Moulded

D	dsp	K	t	KG/ST/PC	€/ST/PC
20	29	11.0	16.0	0.02	3.98
25	35	14.0	18.0	0.03	4.76
32	43	17.0	20.0	0.04	5.34
40	53	21.0	22.0	0.07	6.88
50	65	26.0	24.0	0.11	9.57
63	81	33.0	29.0	0.19	12.25
75	92	38.5	32.5	0.24	27.00
90	113	46.0	36.0	0.46	37.81
110	135	56.0	43.0	0.68	56.10



moflasfittings  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

**PE 100**

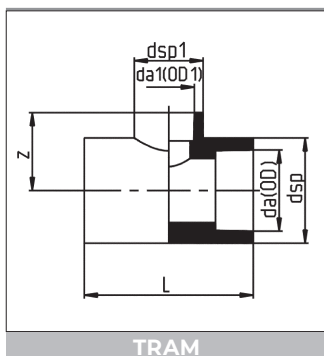


T-STUKKEN 90°  
TES A 90°  
TEES 90°

PN 16

Gespoten  
Injectés  
Moulded

da	dsp	L	K	t	KG/ST/PC	€/ST/PC
20	29.1	60.0	14.0	16.0	0.03	3.85
25	35.2	70.0	17.0	18.0	0.05	4.32
32	43.0	80.0	20.0	20.0	0.07	5.31
40	53.0	92.0	24.0	22.0	0.11	6.53
50	65.0	107.5	30.0	24.5	0.18	11.00
63	81.0	128.5	35.5	29.0	0.31	15.85
75	93.0	152.0	38.5	32.5	0.48	32.93
90	114.0	184.0	55.0	37.0	0.85	52.52
110	134.0	206.0	57.0	43.0	1.14	70.18



VERLOOP T-STUKKEN 90°  
TES REDUITS A 90°  
REDUCED TEES 90°

PN 16

Gespoten  
Injectés  
Moulded

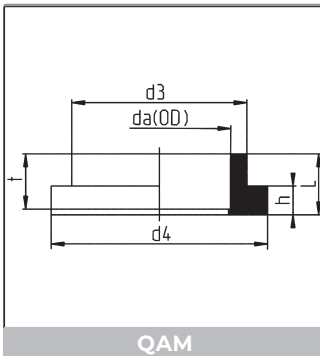
da x da1	dsp	dsp1	L	z	KG/ST/PC	€/ST/PC
25 x 20	34.8	29.9	68.5	31.9	0.05	5.09
32 x 20	43.0	29.9	79.7	39.8	0.07	6.25
32 x 25	43.0	35.0	80.0	40.0	0.07	6.25
40 x 20	53.0	30.0	91.0	46.0	0.10	7.15
40 x 25	53.2	35.3	92.0	46.8	0.10	7.15
40 x 32	53.0	43.0	91.0	45.0	0.11	7.15
50 x 20	65.4	30.0	110.0	50.0	0.17	11.51
50 x 25	65.5	35.5	109.0	51.0	0.17	11.51
50 x 32	65.0	43.0	108.0	54.0	0.17	11.51
50 x 40	65.0	53.0	107.0	52.5	0.17	11.51
63 x 25	80.0	36.0	128.5	65.0	0.28	16.86
63 x 32	81.0	43.5	129.5	65.0	0.29	16.86
63 x 40	81.0	53.0	129.5	65.0	0.29	16.86
63 x 50	81.0	66.0	129.5	65.0	0.30	16.86





moflasfittings  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

**PE 100**



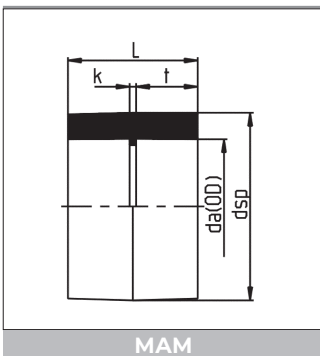
QAM

KRAAGBUSSEN VLAK  
COLLETS A JOINT PLAT  
FLAT-SEATED STUBS

PN 16

Gespoten. Flenzen zie hoofdstuk flenzen. Dichtingen zie hoofdstuk toebehoren.  
Injectés. Brides voir chapitre brides. Joints voir chapitre accessoires.  
Moulded. Flanges, see chapter flanges. Gaskets see chapter accessories.

da	d3	d4	h	L	t	KG/ST/PC	€/ST/PC
20	27	45	10.0	21.0	16.0	0.01	3.49
25	33	58	10.0	23.0	18.0	0.02	3.70
32	41	68	10.0	23.5	19.0	0.04	4.15
40	50	78	10.5	26.0	21.5	0.05	5.09
50	61	88	13.0	29.0	24.0	0.06	6.41
63	76	102	14.0	32.5	28.0	0.09	7.88
75	90	122	16.0	38.0	32.0	0.16	12.06
90	108	138	17.0	42.0	37.0	0.21	23.57
110	131	158	18.0	47.0	42.0	0.30	34.98



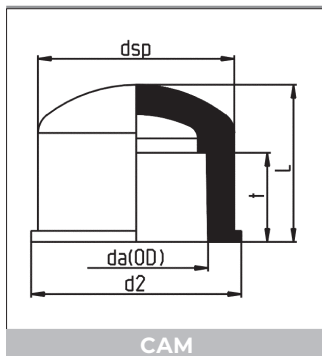
MAM

SOKKEN  
MANCHONS  
SOCKETS

PN 16

Gespoten  
Injectés  
Moulded

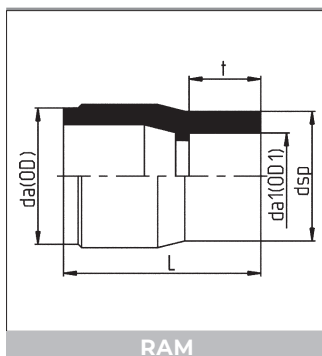
da	dsp	k	t	L	KG/ST/PC	€/ST/PC
20	29.4	3.0	16.0	35.0	0.01	2.47
25	35.1	3.0	18.0	39.0	0.02	2.56
32	43.2	3.0	20.0	43.0	0.03	3.34
40	51.0	6.0	21.0	47.0	0.04	4.32
50	64.4	4.5	24.0	52.5	0.07	6.66
63	81.0	4.5	28.0	60.5	0.11	9.07
75	92.5	3.0	33.5	70.0	0.15	12.76
90	115.0	6.0	36.0	78.5	0.30	18.16
110	133.5	6.0	42.0	92.0	0.40	32.40


 AFSLUITKAPPEN  
 BOUCHONS FEMELLES  
 END CAPS

PN 16

 Gespoten  
 Injectés  
 Moulded

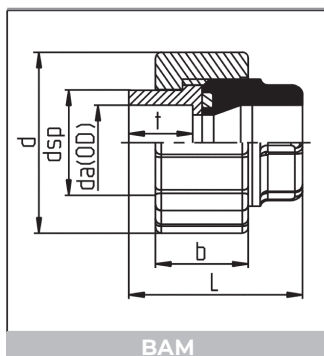
da	dsp	d2	L	t	KG/ST/PC	€/ST/PC
20	29.0	32.0	26.0	16.0	0.01	3.10
25	35.0	38.0	28.5	18.0	0.01	3.29
32	43.0	46.0	35.0	20.0	0.02	3.68
40	52.5	58.0	38.0	22.0	0.04	4.71
50	64.5	70.0	48.5	24.5	0.07	6.14
63	81.0	86.5	59.0	29.0	0.13	8.48
75	92.5	98.0	67.0	32.0	0.17	13.71
90	113.0	119.0	77.0	37.0	0.29	17.38
110	134.0	140.5	94.0	42.5	0.44	25.17


 CONCENTRISCHE VERLOOPSTUKKEN  
 REDUCTIONS CONCENTRIQUES  
 CONCENTRIC REDUCERS

PN 16

 Gespoten  
 Injectés  
 Moulded

da x da1	dsp	t	L	KG/ST/PC	€/ST/PC
25 x 20	30.0	16	39.0	0.01	3.06
32 x 20	30.0	16	44.5	0.02	3.76
32 x 25	35.0	18	45.0	0.02	3.76
40 x 20	29.5	16	50.0	0.02	4.52
40 x 25	34.5	18	50.0	0.03	4.52
40 x 32	42.8	20	50.0	0.03	4.52
50 x 20	29.4	16	55.5	0.04	5.25
50 x 25	34.7	18	55.0	0.03	5.25
50 x 32	43.7	20	55.0	0.04	5.25
50 x 40	52.8	22	54.5	0.04	5.25
63 x 25	34.8	18	64.0	0.06	7.23
63 x 32	42.9	20	65.0	0.07	7.23
63 x 40	52.8	22	64.5	0.07	7.23
63 x 50	64.8	24	65.0	0.08	7.23
75 x 63	81.5	29	64.0	0.11	12.18
90 x 63	80.8	29	86.5	0.19	17.61
90 x 75	93.0	32	86.6	0.19	17.61
110 x 63	81.2	29	90.0	0.27	23.92
110 x 90	113.8	37	88.7	0.30	23.92



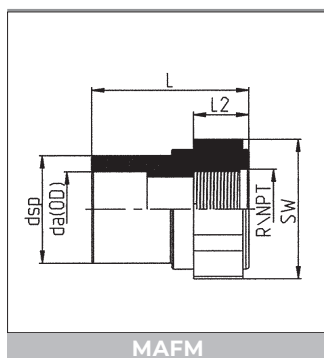
BAM

 DRIEDELIGE KOPPELINGEN  
 RACCORDS UNIONS  
 UNIONS

PN 10

 Gespoten / Injectés / Moulded  
 FPM dichting / joint / sealing

da	dsp	L	t	d	b	KG/ST/PC	€/ST/PC FPM
20	27.3	45	16.0	47	24	0.04	17.65
25	35.7	49	18.0	57	26	0.06	19.21
32	41.3	53	20.0	64	30	0.08	23.09
40	52.8	59	22.0	78	31	0.14	32.59
50	58.6	67	24.5	89	35	0.18	46.14
63	73.6	79	29.0	109	39	0.31	62.76



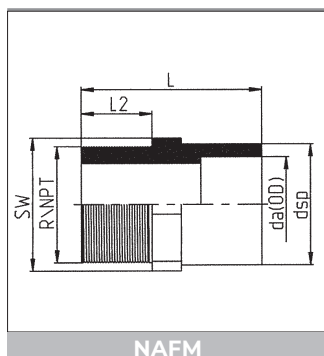
MAFM

 OVERGANGSTUK  
 PIECE D'ADAPTATION  
 ADAPTOR

PN 10

 Gespoten, met binnendraad. GFK versterkt.  
 Injectés, avec filetage femelle. Renforcé fibre de verre.  
 Moulded, with female tread. Glassfiber reinforced

da	dsp	L	L2	SW	R	KG/ST/PC	€/ST/PC	
20	20 x 1/2"	29.0	45.0	16.0	32	0.50	0.02	7.86
25	25 x 3/4"	35.0	50.5	18.0	41	0.75	0.03	8.87
32	32 x 1 "	43.0	57.0	20.0	46	1.00	0.05	11.66
40	40 x 1 1/4"	52.5	62.5	24.0	55	1.25	0.07	13.33
50	50 x 1 1/2"	63.5	68.0	24.5	70	1.50	0.12	20.97
63	63 x 2 "	80.0	74.0	30.0	85	2.00	0.19	26.26



NAFM

 OVERGANGSTUK  
 PIECE D'ADAPTATION  
 ADAPTOR

PN 10

 Gespoten, met buitendraad  
 Injectés, avec filetage mâle  
 Moulded, with male thread

da	dsp	L	L2	SW	R	KG/ST/PC	€/ST/PC	
20	20 x 3/4"	25	51	20	27	0.75	0.01	7.37
25	25 x 1 "	32	61	24	36	1.00	0.03	9.32
32	32 x 1 1/4"	40	66	27	46	1.25	0.04	11.23
40	40 x 1 1/2"	50	74	29	55	1.50	0.06	18.41
50	50 x 2 "	63	78	31	65	2.00	0.10	23.27



27 / DN 15-50

MONOBLOK KOGELKRANEN  
ROBINET A TOURNANT SPHERIQUE - MONOBLOC  
MONOBLOC - BALL VALVES

Kogelkranen voor chemische toepassingen. Uniek monoblok design zorgt voor verhoogde zekerheid tegen lekkage. Kogelzittingen en spindelpakking in PTFE. Geflensde uitvoering, manuele bediening met vergrendelbare kunststof hendel.

Robinets à tournant sphérique pour des applications chimiques. En monobloc unique offre une sécurité accrue contre les fuites. Sièges de boule et le joint de tige en PTFE. Exécution à bride, commande manuelle à levier cadenassable en matière synthétique.

Ball valves for chemical applications. Unique monobloc design provides increased security against leakage. Ball seats and spindle gasket in PTFE. Flanged execution, manual control with lockable lever in plastic.



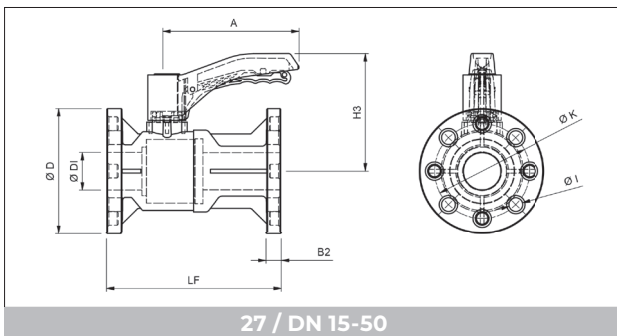
27A / DN 65-100

**Opties / Option :**

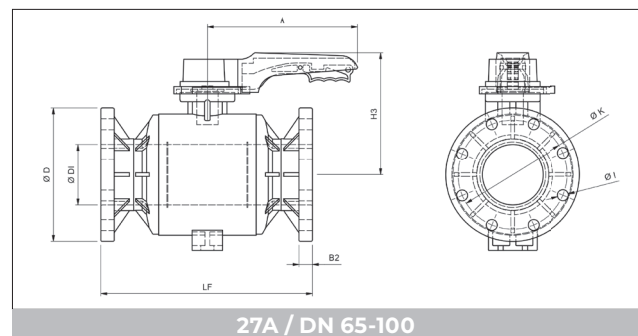
- Pneumatische en elektrische aandrijvingen (+ toebehoren)
- spindelverlengingen voor isolatie
- ATEX uitvoering
- diameters tot DN 150
- dodemanshendel
- terugmeldingen (open-dicht)

- Actionneurs pneumatiques et électriques (+ accessoires)
- rehausse pour calorifugeage
- exécution ATEX
- diamètres jusqu'à DN 150
- levier homme mort
- contacts fin de course (ouvert-fermé)

- Pneumatic and electric actuators
- spindle extensions for insulation
- ATEX execution
- diameters up to DN 150
- spring return handle
- limit switches (open-close)



27 / DN 15-50



27A / DN 65-100

DN	d	G	PN	Kv	Torque	D	H3	A	LF	B2	n x l	K	Bouton Boulon Bolts	Torque*	PE-HD		
															m³/h	Nm	€/ST/PC
15	20	1/2"	10	11,1	6	95	115	140	130	13.0	4 x 14	65	4xM12	7,5	130.58	140.91	172.52
20	25	3/4"	10	21.0	6	105	115	140	150	14.0	4 x 14	75	4xM12	9.0	160.94	173.12	211.13
25	32	1"	10	42.0	8	117	125	140	160	15.0	4 x 14	85	4xM12	10.0	182.38	200.61	232.56
32	40	1 1/4"	10	60.0	12	140	145	175	180	17.0	4 x 18	100	4xM16	20.0	233.68	250.21	299.60
40	50	1 1/2"	10	96.0	12	150	145	175	200	17,5	4 x 18	110	4xM16	20.0	259.28	282.42	325.12
50	63	2"	10	186.0	19	165	155	175	230	18.0	4 x 18	125	4xM16	25.0	310.48	336.89	419.20
65	75	2 1/2"	10	300.0	18	185	205	250	290	20.0	4 x 18	145	4xM16	25.0	581.00	622.34	748.91
80	90	3"	10	420.0	18	200	205	250	310	20.0	8 x 18	160	8xM16	30.0	685.63	734.62	875.24
100	110	4"	10	840.0	40	225	215	250	350	21.0	8 x 18	180	8xM16	30.0	866.65	916.66	1057.36

Torque = draaimoment / couple de manoeuvre / torque operation

Torque\* = aandraaimoment flensbouten / couple de serrage boulons / tightening torque flange bolts



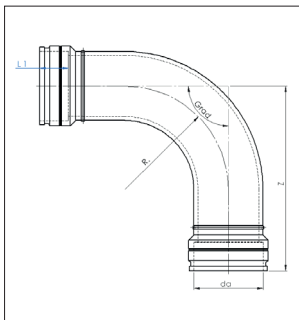
electrolasfittings met aangevormde lasmof  
 raccords en PEHD avec manchon électrique intégré  
 electrofusion fittings with integrated sockets

**PE 100**

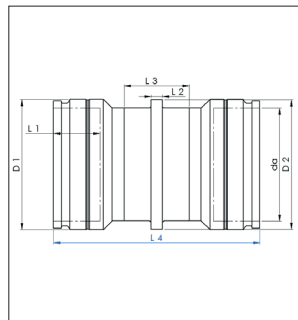
Drukbestendige hulpstukken met geïntegreerde electrolasmof tot diam. 1200 mm.  
 SDR 26 tot SDR 7,4  
 DVGW gekeurd en lasbaar met de Hürner lasapparaten.

Raccords résistant à la pression avec E-manchons intégré jusqu'à diam. 1200 mm.  
 SDR 26 de SDR 7,4.  
 DVGW et soudable avec des appareils de soudage Hürner.

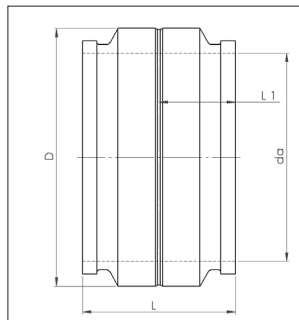
Pressure-resistant fittings with integrated E-socket electro just up to 1200 mm  
 SDR 26 to SDR 7.4.  
 DVGW tested and weldable with the welding machine Hürner.



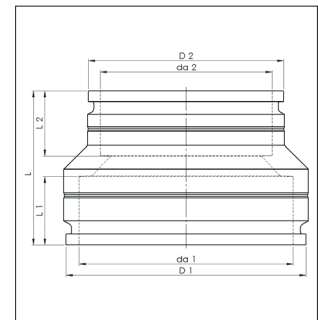
**E-bochten / courbes / bends**  
 22-30-45-90°



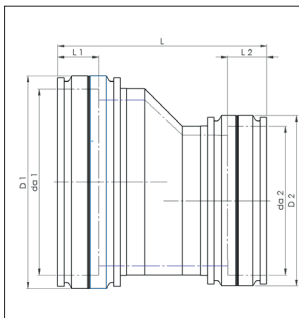
**E-muurkraag**  
 collets murals  
 wall stubs



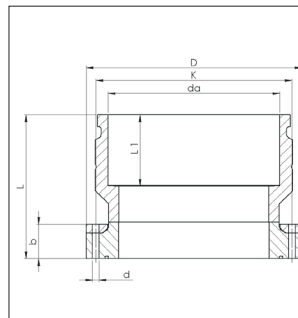
**E-mof / manchon / sleeve**



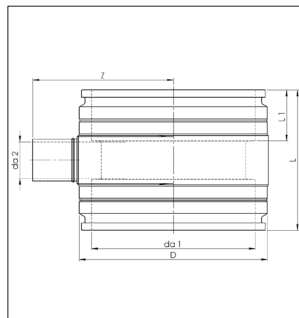
**E-concentrische reducties**  
 réductions concentriques  
 concentric reducers



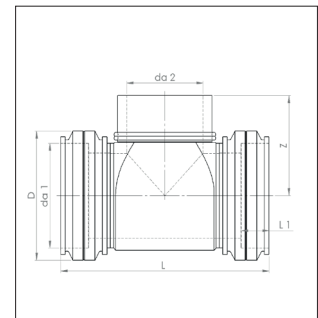
**E-excentrische reducties**  
 réductions excentriques  
 excentric reducers



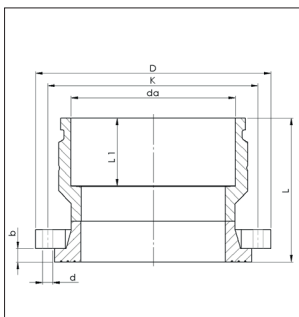
**E-flenskraag**  
 bride special  
 special flange



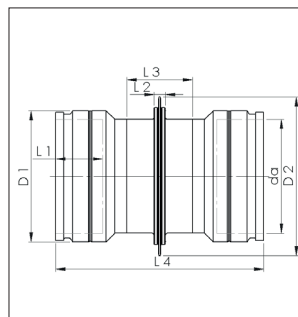
**E-T-verloopstuk / réduction T /**  
 T-reducer



**E-T-stuk / tes à / tees 90°**



**E-kraag met losse flens**  
 collet avec bride tournante  
 stub end with flange



**E-muurkraag**  
 collets murals  
 wall stubs + EPDM



ISO 9001/2008



DNV

Certified Company

LEIDINGSYSTEMEN VOOR SCHEEPSBOUW  
 TUYAUTERIE POUR LA CONSTRUCTION NAVALE  
 PIPING SYSTEM FOR SHIP BUILDING

**Volledig leidingsysteem beschikbaar in PE 100 / PE 100-RC (buizen en fittings van D20 mm aan D500 in SDR 11 & SDR 17 mm) voor de bouw van leidingsystemen op schepen en offshore platforms (geschikt voor nieuwe en te renoveren installatie).**

**Corrosiebestendig en licht gewicht leidingsysteem voor:**

- koud en warm water systemen
- koelsystemen (airconditioning)
- waterzuivering - vers en afval water
- vers water bunker lijnen
- gekoeld en pekel watersystemen
- zwart en grijs water systemen
- osmose systemen en verdamping
- water ballast

**Voordelen van het gebruik van kunststof**

- hoge flexibiliteit
- rendabel, makkelijk te gebruiken en snelle installatie
- licht gewicht
- zeer goede weerstand tegen het schuren
- bestand tegen alle soorten van microbiële corrosie
- weerbestendig
- UV bestendig
- weinig onderhoud nodig

**Système complet de tuyauteries en polyéthylène (PE 100 / PE 100-RC) - tubes et raccords de D 20 mm jusqu'à D 500 mm en SDR 11 & SDR 17 - pour la construction navale et les plates-formes offshore (adapté pour nouvelles constructions et montages ultérieurs).**

**Tuyauteries anti-corrosio plus légères pour:**

- conduites d'eau chaude et froide
- traitement de l'eau de mer
- évacuation des eaux sanitaires
- systèmes d'osmose et d'évaporation
- eaux de ballast
- alimentation en eau fraîche et évacuation des eaux usées
- processus d'eau de refroidissement
- alimentation de la climatisation
- traitement de l'eau
- tuyauterie de réservoirs d'eau potable

**Avantages des canalisations plastiques en PE de haute qualité**

- haute flexibilité
- rentable, facile à utiliser et installation rapide
- léger
- très bonne résistance à l'abrasion
- résistant à tous les types de corrosion microbienne
- résistant aux intempéries
- résistant aux UV
- peu d'entretien

**Complete piping system available in PE 100 / PE 100-RC (pipes and fittings from D20 mm to D500 mm in SDR 11 & SDR 17) for the construction of piping systems on ships and offshore platforms (suitable for new and retrofit installation).**

**Corrosion resistant and low weight piping system for:**

- hot and cold water systems
- cooling systems (air condition)
- osmosis systems and evaporation
- ballast water
- chilled and brine water systems
- black and grey water systems
- fresh water bunker lines
- water treatment - fresh and waste water

**Advantages of using plastics:**

- high flexibility
- easy handling, cost effective and fast installation
- low weight
- very good abrasion resistance
- resistant to all kinds of microbial corrosion
- weather resistant
- UV-resistant
- low maintenance required