



SYSTEEM VOOR ONDERGRONDSE BRANDBESTRIJDINGSSYSTEMEN - FM
 SYSTEME POUR DISPOSITIFS DE LUTTE CONTRE LES INCENDIES SOUTERRAINS
 SYSTEM FOR UNDERGROUND FIRE FIGHTING SYSTEMS - FM

Heel wat industriële en automobieltgroepen wensen of eisen een FM-certificering voor toegepaste infrastructuurproducten in hun fabrieken.

AGRU heeft aan deze vereisten voldaan en beschikt nu over een certificering voor PE 100 stomplas- en elektrofittingen en buizen overeenkomstig FM-klasse nummer 1613 "Polyethyleen (PE) buizen en fittingen voor ondergrondse brandbestrijding".

Deze kwaliteit moet worden verzekerd via een jaarlijkse FM-audit door derden.

De buizen en fittingen zijn gecertificeerd voor een maximale werkdruk van 15 bar/215 psi of 17.5 bar/250 psi bij een temperatuur van 20 °C/68 °F in overeenstemming met FM-klasse nummer 1613.

Beaucoup de groupes industriels et automobiles souhaitent ou exigent la certification FM pour les installations de leurs usines.

AGRU a répondu à ces exigences et possède désormais les certificats de conformité pour les soudages bout-à-bout en PE 100, les tuyaux et raccords électro-soudables conformes à la catégorie FM n°1613, et les tuyaux et raccords en polyéthylène de protection contre les incendies souterrains en polyéthylène (PE).

FM Global assurera annuellement la qualité des produits via des audits effectués par des tiers. Les tuyaux et raccords sont certifiés pour supporter une pression maximale de 15 bars/215 psi ou 17.5 bars/250 psi sous une température de 20°C, conformément à la catégorie FM n°1613.

Many industrial and automobile groups wish or demand to have an FM approval for applied infrastructure products in their factories.

AGRU had fulfilled these demands and has now an approval for PE 100 heating element butt welding-, electro fusion fittings and pipes according FM Class Number 1613 "Polyethylene (PE) Pipe and Fittings for Underground Fire Protection".

This quality will be secured through an annual third party audit of FM.

The pipes and fittings are approved for a maximum operating pressure of 15 bar/215 psi or 17.5 bar/250 psi at 20°C/68°F according to FM Class Number 1613

Tabel : maximale druk van goedgekeurde buizen en fittingen.

Tableau : maximale de pression approuvé de tubes et raccords.

Table : maximum operating pressure of approved pipes and fittings.

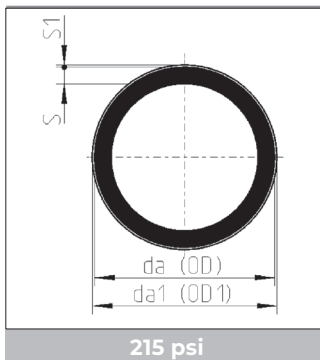
°C	Jaren Ans years	15 bar/ 215 PSI		17.5 bar/ 250 PSI	
		Ontwerp druk	Druk	Ontwerp druk	Druk
		Design pressure	Pressure	Design pressure	Pressure
10	50	19.00	15.0	23.9	17.5
20	50	16.00	15.0	20.0	17.5
23	50	15.10	15.0	19.1	17.5
30	50	13.50	13.5	17.0	17.0
38	50	12.00	12.0	14.5	14.6
40	50	11.60	11.6	13.8	13.8
50	15	9.40	9.4	11.9	11.9
60	5	7.70	7.7	9.7	9.7



buizen
tuyaux
pipes



PE 100-RC



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

L = 6-12 m
Volgens FM1613.

SDR 11 / ISO S-5

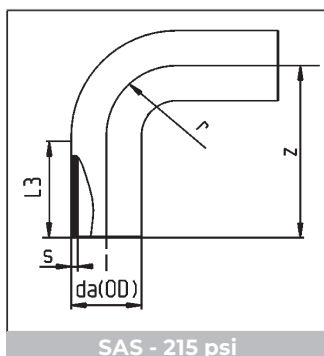
da	s	KG/M	€/M
63	5.8	1.06	8.75
75	6.8	1.48	12.32
90	8.2	2.14	17.40
110	10.0	3.18	25.88
125	11.4	4.12	34.67
140	12.7	5.13	43.15
160	14.6	6.74	56.11
180	16.4	8.51	72.78
200	18.2	10.5	86.79
225	20.5	13.3	110.03
250	22.7	16.3	137.68
280	25.4	20.5	172.55
315	28.6	25.9	221.52
355	32.2	32.9	282.00
400	36.3	41.7	376.91
450	40.9	52.8	476.74
500	45.4	65.2	588.77
560	50.8	81.7	737.47
630	57.2	103.0	934.27



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



PE 100-RC

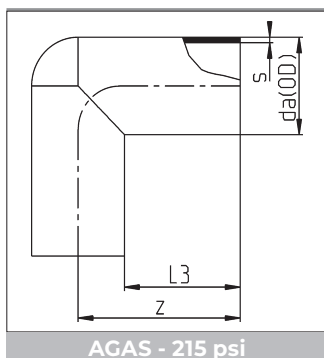


MULTI-BOCHTEN 90°
MULTI-COURBES A 90°
MULTI-BENDS 90°

Gespoten
Injectés
Moulded.

SDR 11 / ISO S-5

da	L3	r	z	s	KG/ST/PC	€/ST/PC
63	66.5	63	129.5	5,8	0,263	11.85
75	75.0	75	150.0	6,8	0,413	16.37
90	76.0	90	168.0	8,2	0,685	23.73
110	82.0	110	189.0	10,0	1.144	45.16
125	92.0	125	218.0	11,4	1,681	63.65
140	95.0	140	241.0	12,7	2.380	85.12
160	100.5	160	260.0	14,6	3.320	114.08
180	109.0	180	285.0	16,4	4.580	135.09
200	118.5	200	318.5	18,2	6.180	201.32
225	125.0	225	353.0	20,5	8.520	251.03
250	133.0	250	388.0	22,7	10.80	-
280	143.0	280	429.0	25.4	15.10	-
315	158.0	315	475.0	28.6	21.02	-



KNIEEN 90°
COUDES A 90°
ELBOWS 90°

Met verlengde benen, gespoten.
Ook geschikt voor electromoflas.

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

Elongated, moulded.
Also suitable for electro socket welding.

SDR 11 / ISO S-5

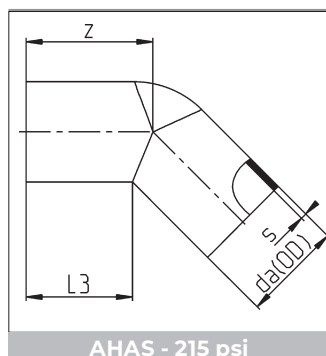
da	L3	z	s	KG/ST/PC
250	175	304	22.7	404.88
280	197	340	25.4	611.38
315	205	370	28.6	764.96



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



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.

SDR 11 / ISO S-5

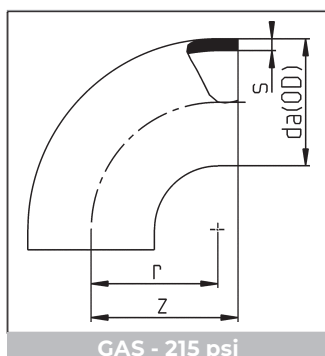
da	L3	z	s	KG/ST/PC	€/ST/PC
63	65.5	80.0	5,8	0,172	21.03
75	70.0	90.0	6,8	0,274	26.13
90	82.0	104.0	8,2	0,440	32.76
110	82.0	108.0	10,0	0,679	62.75
125	99,5	126.0	11,4	1,060	77.54
140	100.0	135.0	12,7	1,400	101.44
160	116,5	150.0	14,6	2,060	117.23
180	131,5	176,5	16,4	2,860	128.36
200	122.0	167.0	18,2	3,580	175.35
225	125,5	173,5	20,5	4,760	209.05
250	158.0	217.0	22,7	7.160	404.88
280	168.0	238.0	25,4	9,620	611.38
315	176.0	248.0	28,6	12,900	764.96



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



PE 100-RC

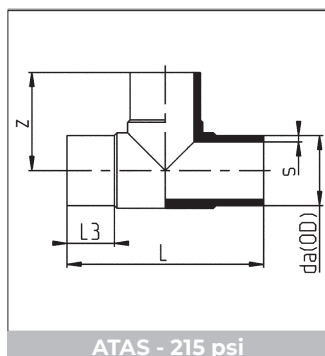


**BOCHTEN 90°
COURBES A 90°
BENDS 90°**

Gespoten - kort.
Injectés - court.
Moulded - short.

SDR 11 / ISO S-5

da	r	z	s	KG/ST/PC	€/ST/PC
63	63	70	5.8	0.12	11.54
75	75	85	6.6	0.21	15.94
90	90	100	8.2	0.37	23.13
110	110	124	10.0	0.66	44.01
125	125	140	11.4	0.93	62.02
140	140	150	12.7	1.28	82.93
160	155	180	14.6	2.10	111.15
180	180	200	16.4	2.82	131.62
200	200	220	18.2	4.02	196.14
225	225	243	20.5	5.24	244.58
250	265	290	22.7	8.02	383.43
280	265	290	25.4	9.75	498.54
315	300	340	28.6	14.36	688.26
355	300	340	32.2	18.46	1006.74
400	300	345	36.3	23.50	1382.50
450	400	445	40.9	38.80	1814.11
500	400	445	45.4	48.34	2340.23



**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 11 / ISO S-5

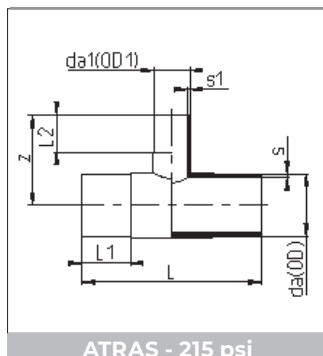
da	L3	L	z	s	KG/ST/PC	€/ST/PC
63	64.0	226	114.0	5.8	0,350	19.37
75	70.0	260	128.0	6.8	0,639	32.14
90	79.0	286	143.0	8.2	0,966	45.71
110	85.0	317	158.0	10.0	1,547	66.92
125	91.0	356	177.0	11.4	2,210	91.84
140	96.5	380	190.0	12.7	2,880	147.58
160	99.0	405	202.5	14.6	4,100	191.52
180	136.0	521	260.0	16.4	6,900	251.31
200	112.0	490	245.0	18.2	7,920	360.05
225	124.0	548	271.0	20.5	10,850	427.84
250	147.0	622	310.0	22.7	15.060	552.44
280	158.0	694	347.0	25.4	20.860	828.41
315	168.0	752	375.0	28.6	28.460	1060.90
355	188.0	874	437.0	32.2	42.680	1963.18
400	198.0	940	470.0	36.3	56.460	2824.22



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



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'électro-soudage.
Moulded. Also suitable for electric socket welding.

SDR 11 / ISO S-5

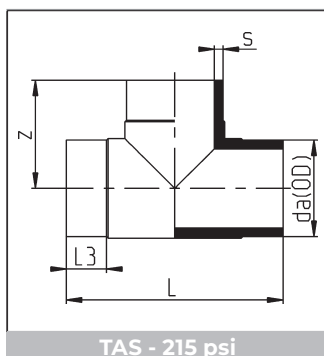
da/da1	s	Z	L	L1	L2	s1	KG/ST/PC	€/ST/PC
63/ 50	5.8	102.5	216	60.0	56.0	4.6	0.318	20.21
75/ 63	6.8	117.0	252	70.0	63.0	5.8	0.552	32.24
90/ 63	8.2	136.0	266	79.0	64.0	5.8	0.760	45.10
90/ 75	8.2	138.0	272	73.0	68.0	6.8	0.821	45.42
110/ 63	10.0	155.0	305	85.0	65.0	5.8	1.240	66.88
110/ 75	10.0	149.0	305	83.0	68.0	6.8	1.220	66.88
110/ 90	10.0	155.0	310	84.0	79.0	8.2	1.300	67.81
125/ 75	11.4	170.0	350	110.0	75.0	6.8	1.820	93.02
125/ 90	11.4	168.0	332	109.0	89.0	8.2	1.700	93.02
125/110	11.4	167.0	340	90.0	83.0	10.0	1.920	93.02
160/ 63	14.6	172.0	340	99.5	66.0	5.8	2.620	182.87
160/ 75	14.6	179.0	344	101.0	76.0	6.8	2.680	184.39
160/ 90	14.6	177.0	343	101.0	80.0	8.2	2.700	184.39
160/110	14.6	196.0	392	98.0	84.5	10.0	3.260	189.03
180/ 90	16.4	200.0	420	136.0	97.0	8.2	4.420	253.47
180/110	16.4	220.0	455	145.0	101.0	10.0	4.720	253.47
180/160	16.4	204.0	412	105.0	94.0	14.6	4.700	253.47
200/ 63	18.2	226.0	553	134.0	82.0	5.8	7.140	341.02
200/ 90	18.2	229.0	550	134.5	96.0	8.2	7.160	341.02
200/110	18.2	242.0	550	134.0	103.0	10.0	7.340	341.02
200/125	18.2	245.0	550	134.0	110.0	11.4	7.340	341.02
200/160	18.2	270.0	550	134.0	114.0	14.6	8.600	341.02
225/ 75	20.5	226.0	440	120.0	75.0	6.8	6.820	428.51
225/ 90	20.5	224.0	442	120.0	79.0	8.2	6.860	428.51
225/110	20.5	226.0	448	120.0	85.0	10.0	6.900	430.22
225/160	20.5	246.0	486	120.0	98.0	14.6	8.460	431.75
225/180	20.5	274.0	546	132.0	135.0	16.4	10.040	433.26
250/ 75	22.7	245.0	630	148.0	86.0	6.8	13.120	714.86
250/110	22.7	245.0	630	148.0	86.0	10.0	12.960	714.86
250/160	22.7	270.0	625	148.0	100.0	14.6	13.740	714.86
250/180	22.7	268.0	625	148.0	110.0	16.4	13.400	714.86
250/200	22.7	294.0	625	148.0	116.0	18.2	14.540	714.86
315/ 90	28.6	290.0	545	170.0	90.0	8.2	16.020	1166.97
315/110	28.6	290.0	546	170.0	100.0	10.0	15.900	1166.97
315/125	28.6	302.0	575	170.0	102.5	11.4	17.440	1166.97
315/160	28.6	310.0	575	170.0	120.0	14.6	17.520	1166.97
315/180	28.6	308.0	640	170.0	108.0	16.4	20.800	1219.99
315/200	28.6	326.0	640	170.0	126.0	18.2	21.000	-
315/225	28.6	335.0	638	170.0	145.0	20.5	20.000	-
315/250	28.6	333.0	670	170.0	150.0	22.7	22.840	-



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



PE 100-RC

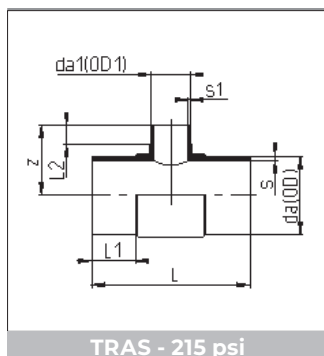


T-STUKKEN 90°
TES A 90°
TEES 90°

Gespoten - kort.
Injectés - court.
Moulded - short.

SDR 11 / ISO S-5

da	L	L3	z	s	KG/ST/PC	€/ST/PC
63	144	25.0	72.0	5,8	0,225	14.39
75	152	15.0	75.0	6,8	0,408	29.00
90	212	38.0	105.0	8,2	0,701	43.35
110	253	51.0	122.0	10,0	1,240	63.63
125	277	52.0	140.0	11,4	1,880	87.65
140	304	53.0	152.0	12,7	2,480	111.06
160	340	57.0	170.0	14,6	3,440	186.81
180	365	57.0	182.5	16,4	4,600	239.43
200	400	57.0	200.0	18,2	6,320	343.09
225	440	57.0	220.0	20,5	8,560	408.07
250	466	72.0	235.0	22,7	11,160	519.15
280	536	80.0	270.0	25,4	16,200	701.86
315	540	80.0	270.0	28,6	19,700	997.05
355	680	105.0	340.0	32,2	31,320	1281.82
400	695	103.0	350.0	36,3	39,300	1739.95
450	900	130.0	450.0	40,9	65,520	2528.64
500	900	130.0	450.0	45,4	73,720	3231.76



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

Gespoten - kort.
Injectés - court.
Moulded - short.

SDR 11 / ISO S-5

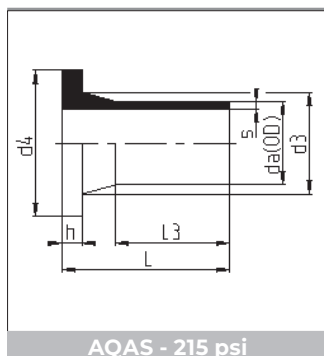
da/da1	s	z	L	L1	L2	s1	KG/ST/PC	€/ST/PC
125/ 63	11.4	112	275	75	31	5.8	1.420	84.66
140/ 63	12.7	120	302	87	32	5.8	1.880	106.22
140/ 75	12.7	130	302	87	35	6.8	1.850	106.22
140/ 90	12.7	130	305	88	42	8.2	1.967	107.93
140/110	12.7	141	305	54	47	10.0	2.280	107.93
160/125	14.6	150	325	62	52	11.4	2.820	179.13
180/ 63	16.4	139	358	132	32	5.8	3.160	222.39
180/ 75	16.4	144	362	119	31	6.8	3.180	222.39
180/125	16.4	166	362	100	52	11.4	3.360	229.56
225/125	20.5	178	456	143	40	11.4	6.400	387.19



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



PE 100-RC



VOORLASKRAGEN, VERLENGD
COLLETS ALLONGEES
STUBS ELONGATED

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

SDR 11 / ISO S-5

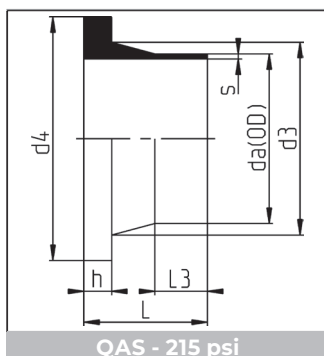
da	s	L	L3	d3	d4	h	KG/ST/PC	€/ST/PC
63	5.8	122	78.0	75	102	14	0.217	11.35
75	6.8	125	86.0	89	122	16	0.312	14.68
90	8.2	140	101.0	105	138	17	0.454	19.14
110	10.0	159	115.0	125	158	18	0.729	24.44
125	11.4	169	122.0	132	158	25	0.885	29.77
140	12.7	188	128.5	155	188	25	1.296	44.55
160	14.6	200	148.0	175	212	25	1.760	60.34
180	16.4	209	155.0	183	212	30	2.040	67.57
200	18.2	210	140.0	232	268	32	3.220	109.73
225	20.5	210	145.0	235	268	32	3.320	113.14
250	22.7	204	132.0	285	320	35	4.640	173.30
280	25.4	218	145.0	288	320	35	5.20	203.02
315	28.6	238	154.0	335	370	35	7.580	270.03
355	32.2	257	176.0	373	430	40	10.64	424.17
400	36.3	274	185.0	427	482	46	14.42	748.29



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



PE 100-RC



VOORLASKRAGEN
COLLETS
STUBS

Gespoten - kort.
Injectés - court.
Moulded - short.

SDR 11 / ISO S-5 / DIN

D	d3	d4	L	L3	s	h	KG/ST/PC	€/ST/PC
63	75	102	50.0	20.0	5.8	14	0.129	8.43
75	89	122	50.5	18.0	6.8	16	0.204	9.95
90	105	138	80.0	40.0	8.2	17	0.332	14.28
110	125	158	80.0	38.0	10.0	18	0.481	18.39
125	132	158	80.0	38.0	11.4	25	0.513	22.17
140	155	188	92.0	37.0	12.7	25	0.817	28.48
160	175	212	92.0	38.0	14.6	25	1.026	35.90
180	183	212	93.0	43.0	16.4	30	1.060	50.70
200	232	268	114.0	40.0	18.2	32	2.180	71.48
225	235	268	113.0	52.0	20.5	32	2.100	69.83
250	285	320	130.0	58.0	22.7	35	3.560	118.94
280	288	320	128.0	58.0	25.4	35	3.420	113.41
315	335	370	136.0	65.0	28.6	35	5.000	167.03
355	373	430	150.0	70.0	32.2	40	6.880	237.23
400	427	482	155.0	69.0	36.3	46	9.040	424.84
450	514	585	166.0	63.0	40.9	60	16.220	547.42
500	530	585	175.0	70.0	45.4	60	15.760	630.20
560	615	685	180.0	70.0	50.8	60	22.780	1190.43
630	642	685	175.0	86.0	57.2	60	21.840	1369.00

SDR 11 / ISO S-5

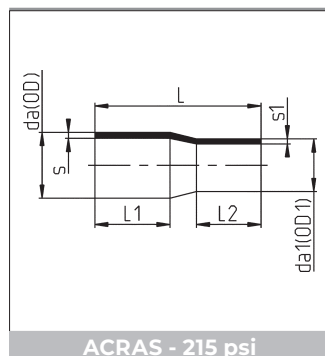
(ANSI : op aanvraag / sur demande / on request)



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



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

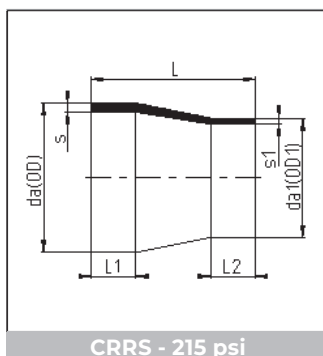
da	da1	L	L1	L2	s	s1	KG/ST/PC	€/ST/PC
90	63	172	79.0	63.0	8.2	5.8	0.290	24.00
110	63	178	82.0	63.0	10.0	5.8	0.425	32.28
110	90	177	82.0	79.0	10.0	8.2	0.499	32.28
125	63	195	87.0	63.0	11.4	5.8	0.560	38.78
125	90	200	87.5	79.0	11.4	8.2	0.635	38.78
125	110	200	87.5	82.0	11.4	10.0	0.739	38.78
140	125	211	94.5	88.5	12.7	11.4	0.992	55.83
160	90	217	100.5	79.0	14.6	8.2	1.060	74.54
160	110	225	98.0	85.5	14.6	10.0	1.180	74.75
160	125	231	98.0	89.5	14.6	11.4	1.320	74.75
160	140	229	98.0	92.0	14.6	12.7	1.360	75.16
180	125	270	129.5	94.5	16.4	11.4	1.820	96.87
180	160	246	105.0	104.0	16.4	14.6	1.880	96.87
200	160	252	112.0	98.5	18.2	14.6	2.270	106.16
225	160	262	120.0	101.0	20.5	14.6	2.760	170.81
250	160	314	153.5	111.5	22.7	14.6	3.980	230.96
250	225	315	153.0	131.5	22.7	20.5	4.740	241.54
280	250	355	163.5	153.5	25.4	22.7	6.640	321.93
315	225	375	170.5	131.5	28.6	20.5	7.840	414.20
315	250	375	173.5	153.5	28.6	22.7	8.320	414.20



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



PE 100-RC



CONCENTRICHE VERLOOPSTUKKEN
REDUCTIONS CONCENTRIQUES
CONCENTRIC REDUCERS

Kort / court / short

SDR 11 / ISO S-5

da	da1	L	L1	L2	S	S1	KG/ST/PC	€/ST/PC
75	63	59	19	18	6.8	5.8	0.077	12.90
90	63	68	22	18	8.2	5.8	0.113	14.38
90	75	68	22	19	8.2	6.8	0.128	14.38
110	50	90	28	14	10.0	4.6	0.225	18.36
110	63	88	28	18	10.0	5.8	0.200	18.36
110	75	85	28	19	10.0	6.8	0.207	18.36
110	90	85	28	22	10.0	8.2	0.220	18.36
125	63	100	32	18	11.4	5.8	0.293	23.49
125	75	100	32	19	11.4	6.8	0.320	23.49
125	90	89	32	22	11.4	8.2	0.304	23.49
125	110	89	32	28	11.4	10.0	0.329	23.49
140	75	110	35	19	12.7	6.8	0.459	28.45
140	90	110	35	22	12.7	8.2	0.493	28.45
140	110	100	35	28	12.7	10.0	0.440	28.45
140	125	92	35	32	12.7	11.4	0.445	28.45
160	90	108	40	22	14.6	8.2	0.552	33.41
160	110	108	40	28	14.6	10.0	0.639	33.41
160	125	114	40	32	14.6	11.4	0.686	33.41
160	140	114	40	35	14.6	12.7	0.660	33.41
180	90	157	45	22	16.4	8.2	0.960	52.41
180	110	157	45	28	16.4	10.0	1.060	49.37
180	125	120	45	32	16.4	11.4	0.820	45.49
180	140	136	45	35	16.4	12.7	1.030	43.17
180	160	123	45	40	16.4	14.6	0.960	41.22
200	140	137	50	35	18.2	12.7	1.174	118.09
200	160	134	50	40	18.2	14.6	1.240	104.46
200	180	137	50	45	18.2	16.4	1.361	93.52
225	140	162	55	35	20.5	12.8	1.860	141.02
225	160	137	55	40	20.5	14.6	1.590	121.07
225	180	162	55	45	20.5	16.4	1.880	115.18
225	200	162	55	50	20.5	18.2	2.013	101.58
250	160	160	60	45	22.7	14.6	2.000	161.62
250	180	177	60	45	22.7	16.4	2.660	149.63
250	200	144	60	50	22.7	18.2	2.120	137.59
250	225	144	60	55	22.7	20.5	2.260	130.40
280	200	202	70	50	25.4	18.2	3.740	180.04
280	225	202	70	55	25.4	20.5	3.800	167.83
280	250	165	70	80	25.4	22.7	3.200	161.62
315	200	200	80	50	28.6	18.2	4.200	229.79
315	225	209	80	55	28.6	20.5	4.560	203.26
315	250	185	80	60	28.6	22.7	4.340	185.05
315	280	227	80	70	28.6	25.4	5.660	216.86

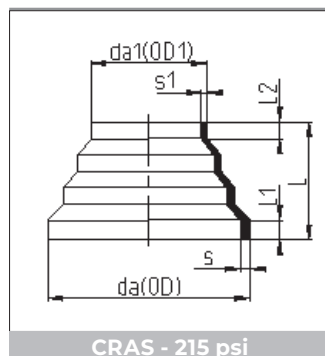
Da > 315 - 630 : op aanvraag / sur demande / on request



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



PE 100-RC



CONCENTRICHE VERLOOPSTUKKEN
REDUCTIONS CONCENTRIQUES
CONCENTRIC REDUCERS

Gespoten.

Opmerkingen :

- Deze verloopstukken zijn te gebruiken voor elke gewenste vermindering tussen de grootste en kleinste diameter. U kan de reductie af zagen op de gewenste diameter.

Injectées.

Remarques :

- Ces réductions sont utilisables dans tous les diamètres, entre le plus grand et le plus petit. Il suffit de couper la réduction au diamètre désiré.

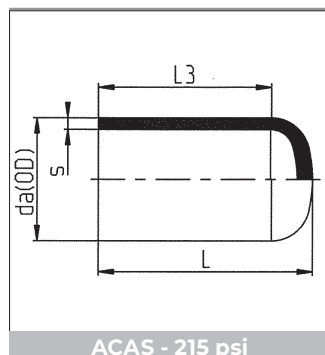
Moulded.

Remarks :

- These reductions are for any reduction between the largest and smallest diameter. The reduction can be cut off at the desired diameter.

SDR 11 / ISO S-5

da	da1	L	L1	L2	s	s'	KG/ST/PC	€/ST/PC
110	63	62	9	6	10.0	5.8	0.14	17.34
125	75	72	13	8	11.4	6.8	0.23	19.61
160	110	83	13	13	14.6	10.0	0.43	65.38
225	160	90	15	12	20.5	14.6	1.02	177.33
315	225	130	25	20	28.6	20.5	2.68	195.54
450	315	181	40	20	40.9	28.6	7.82	695.85



EINDKAPPEN VERLENGD
BOUCHONS ALLONGES
END CAPS ELONGATED

Gespoten. Ook geschikt voor electromoflas.

Injectées. Convient aussi pour l'electro-soudage.

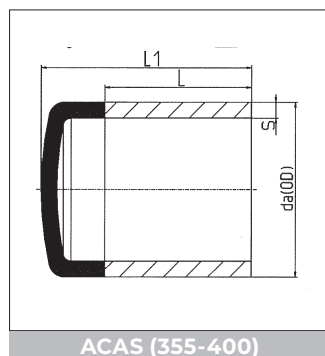
Moulded. Also suitable for electric socket welding.

SDR 11 / ISO S-5

da	L3	L	S	KG/ST/PC	€/ST/PC
63	64.0	80.5	5.8	0.092	14.32
75	75.0	91.0	6.8	0.149	22.20
90	84.0	107.0	8.2	0.253	33.71
110	105.0	133.0	10.0	0.476	45.71
125	100.0	132.0	11.4	0.586	49.39
140	106.0	144.0	12.7	0.830	61.76
160	123.5	165.0	14.6	1.198	69.23
180	111.0	160.0	16.4	1.690	89.99
200	117.0	181.5	18.2	2.000	112.14
225	130.0	202.5	20.5	2.820	133.86
250	160.0	223.0	22.7	3.910	200.54
280	162.0	248.0	25.4	5.360	284.87
315	167.0	269.0	28.6	7.100	383.00

SDR 11 / ISO S-5

da	L3	L	L1	S	KG/ST/PC	€/ST/PC
355	420	300	420	32.2	16.23	1037.85
400	430	300	430	36.3	21.20	1258.78

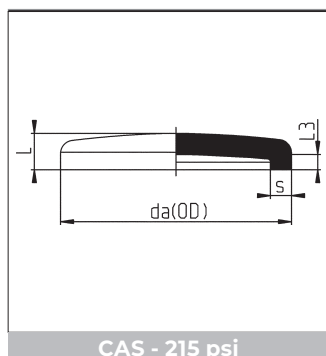




stomplasfittings
raccords pour le soudage bout à bout
fittings for butt welding



PE 100-RC

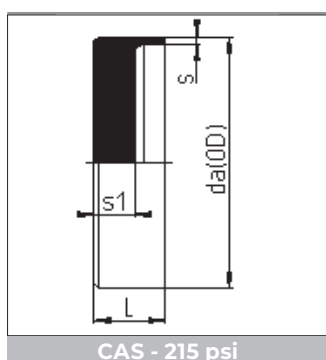


EINDKAP
BOUCHON
END CAPS

Gespoten - kort.
Injectés - court.
Moulded - short.

SDR 11 / ISO S-5

da	L3	L	s	KG/ST/PC	€/ST/PC
450	64	140	40.9	11.55	809.26
500	65	160	45.4	14.80	1015.00



EINDKAP
BOUCHON
END CAPS

Gedraaid - kort
Tourné - court.
Machined - short.

SDR 11 / ISO S-5

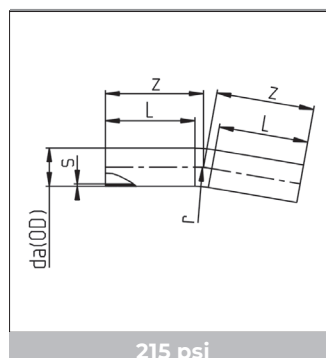
da	s	L	s1	KG/ST/PC	€/ST/PC
560	50.8	120	93.0	23.00	1309.53
630	57.2	133	103.0	29.40	1627.66



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



PE 100-RC

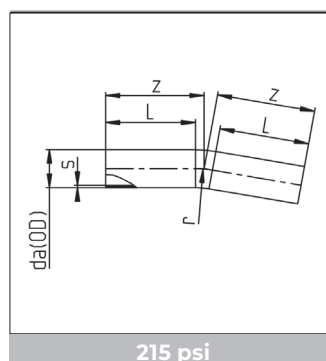


SWEEP BEND 11° VERLENGD
SWEEP BEND 11° ALLONGES
SWEEP BEND 11° ELONGATED

Uit buis gevormd. Ook geschikt voor electromoflas.
Formé d'un tuyau. Convient aussi pour l'électro-soudage.
Formed out of a pipe. Also suitable for electric socket welding.

SDR 11 / ISO S-5

da	s	z	r	L	KG/ST/PC	€/ST/PC
90	8.2	350	135	150	1.42	70.45
110	10.0	330	165	150	2.07	123.18
125	11.4	380	188	150	3.38	150.01
140	12.7	395	210	150	3.96	166.99
160	14.6	415	480	150	5.54	198.87
180	16.4	450	270	150	7.49	240.40
200	18.2	480	300	150	9.88	274.18
225	20.5	510	338	150	13.36	307.97
250	22.7	540	375	250	17.66	506.38
280	25.4	450	420	250	22.20	798.39
315	28.6	500	496	300	25.00	1096.74
355	32.2	590	560	300	42.73	1724.95
400	36.3	650	637	300	55.08	2228.69
450	40.9	700	711	300	69.74	3015.00
500	45.4	750	783	350	93.30	3877.48
560	50.8	800	877	350	163.31	5070.04
630	57.2	850	955	350	168.00	6634.47



SWEEP BEND 22° VERLENGD
SWEEP BEND 22° ALLONGES
SWEEP BEND 22° ELONGATED

Uit buis gevormd. Ook geschikt voor electromoflas.
Formé d'un tuyau. Convient aussi pour l'électro-soudage.
Formed out of a pipe. Also suitable for electric socket welding.

SDR 11 / ISO S-5

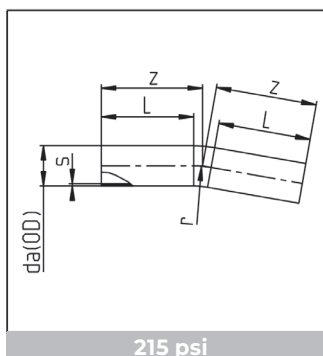
da	s	z	r	L	KG/ST/PC	€/ST/PC
90	8.2	340	135	150	1.42	70.45
110	10.0	330	165	150	2.07	123.18
125	11.4	380	188	150	3.06	150.01
140	12.7	395	210	150	3.96	166.99
160	14.6	420	480	150	5.66	198.87
180	16.4	450	270	150	7.49	240.40
200	18.2	480	300	150	9.88	274.18
225	20.5	510	338	150	13.36	307.97
250	22.7	540	375	250	17.66	506.38
280	25.4	450	420	250	22.20	798.39
315	28.6	500	496	300	32.51	1096.74
355	32.2	590	560	300	42.73	1724.95
400	36.3	650	637	300	55.09	2228.69
450	40.9	700	711	300	69.74	3015.00
500	45.4	750	783	350	93.10	3877.48
560	50.8	800	877	350	163.31	5070.04
630	57.2	850	955	350	227.60	6634.47



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



PE 100-RC

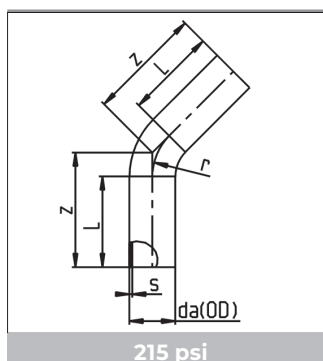


SWEEP BEND 30° VERLENGD
SWEEP BEND 30° ALLONGES
SWEEP BEND 30° ELONGATED

Uit buis gevormd. Ook geschikt voor electromoflas.
Formé d'un tuyau. Convient aussi pour l'electro-soudage.
Formed out of a pipe. Also suitable for electric socket welding.

SDR 11 / ISO S-5

da	s	z	r	L	KG/ST/PC	€/ST/PC
90	8.2	350	135	150	1.42	70.45
110	10.0	330	165	150	2.07	123.18
125	11.4	380	188	150	3.06	150.01
140	12.7	400	210	150	3.96	166.99
160	14.6	420	480	150	5.54	198.87
180	16.4	450	270	150	7.49	240.40
200	18.2	480	300	150	9.88	274.18
225	20.5	520	338	150	13.36	307.97
250	22.7	560	375	250	17.66	506.38
280	25.4	450	420	250	22.20	798.39
315	28.6	500	496	300	32.51	1096.74
355	32.2	590	560	300	42.73	1724.95
400	36.3	650	637	300	57.59	2228.69
450	40.9	700	711	300	77.14	3025.21
500	45.4	750	783	350	143.42	4418.56
560	50.8	800	877	350	179.64	5086.91
630	57.2	850	955	350	258.63	6898.21



SWEEP BEND 45° VERLENGD
SWEEP BEND 45° ALLONGES
SWEEP BEND 45° ELONGATED

Uit buis gevormd. Ook geschikt voor electromoflas.
Formé d'un tuyau. Convient aussi pour l'electro-soudage.
Formed out of a pipe. Also suitable for electric socket welding.

SDR 11 / ISO S-5

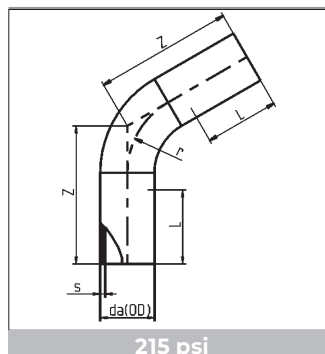
da	s	z	r	L	KG/ST/PC	€/ST/PC
90	8.2	350	135	150	1.42	70.45
110	10.0	340	165	150	2.07	123.18
125	11.4	380	188	150	3.06	150.01
140	12.7	405	210	150	3.96	166.99
160	14.6	425	240	150	5.54	198.87
180	16.4	460	270	150	7.49	240.40
200	18.2	495	300	150	9.88	274.18
225	20.5	525	338	150	13.36	307.97
250	22.7	570	375	250	17.66	506.38
280	25.4	510	420	250	22.20	798.39
315	28.6	560	496	300	31.60	1096.74
355	32.5	630	560	300	41.00	1724.95
400	36.3	670	637	300	58.50	2324.95
450	40.9	750	711	300	82.60	3143.33
500	45.4	900	783	350	113.10	4511.71
560	50.8	950	877	350	164.30	5500.40
630	57.2	1000	955	350	194.00	7421.03



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



PE 100-RC

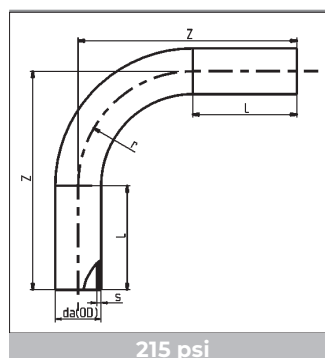


SWEEP BEND 60° VERLENGD
SWEEP BEND 60° ALLONGES
SWEEP BEND 60° ELONGATED

Uit buis gevormd. Ook geschikt voor electromoflas.
Formé d'un tuyau. Convient aussi pour l'electro-soudage.
Formed out of a pipe. Also suitable for electric socket welding.

SDR 11 / ISO S-5

da	s	z	r	L	KG/ST/PC	€/ST/PC
90	8.2	350	135	260	1.284	82.22
110	10.0	340	165	240	2.067	123.18
125	11.4	390	188	150	2.884	155.70
140	12.7	400	210	280	4.617	190.38
160	14.6	430	240	290	5.720	209.96
180	16.4	460	270	300	8.510	280.61
200	18.2	490	300	320	10.185	320.42
225	20.5	530	338	330	13.845	355.15
250	22.7	700	375	480	22.820	546.64
280	25.4	570	420	331	28.700	945.19
315	28.6	630	496	350	44.030	1335.31
355	32.2	760	560	300	59.170	2048.48
400	36.3	780	637	300	83.460	2761.02
450	40.9	820	711	300	117.830	3743.81
500	45.4	960	783	350	169.490	4946.35
560	50.8	980	877	350	236.800	7026.15
630	57.2	1200	955	350	331.080	9665.00



SWEEP BEND 90° VERLENGD
SWEEP BEND 90° ALLONGES
SWEEP BEND 90° ELONGATED

Uit buis gevormd. Ook geschikt voor electromoflas.
Formé d'un tuyau. Convient aussi pour l'electro-soudage.
Formed out of a pipe. Also suitable for electric socket welding.

SDR 11 / ISO S-5

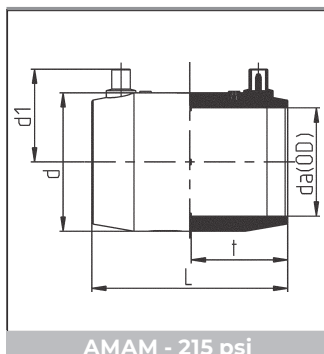
da	s	z	r	L	KG/ST/PC	€/ST/PC
90	8.2	380	135	150	1.420	89.11
110	10.0	440	165	150	2.700	142.64
125	11.4	470	188	150	3.060	159.80
140	12.7	520	210	150	4.755	197.62
160	14.6	550	240	150	6.620	214.44
180	16.4	590	270	150	9.085	294.21
200	18.2	650	300	150	12.220	333.75
225	20.5	675	338	150	16.560	363.67
250	22.7	780	375	250	22.000	559.62
280	25.4	750	420	250	27.500	945.19
315	28.6	900	496	300	32.510	1335.31
355	32.2	1000	560	300	55.000	2048.48
400	36.4	1050	637	300	78.600	2761.02
450	40.9	1150	711	300	111.200	3743.81
500	45.4	1300	783	350	152.600	5011.31
560	50.8	1350	877	350	310.290	7026.15
630	57.2	1600	955	350	295.200	9665.00



electromoflasfittings
raccords pour electrosoudable
fittings for electro socket welding



PE 100-RC



ELECTROLASMOFFEN
MANCHONS ELECTRO-SOUDAGE
ELECTRO WELDING SLEEVES

Gespoten
Injectés
Moulded

PE 100 RC , water/eau : 25 bar

SDR 11 / ISO S-5

da	t	L	d	d1	SDR	KG/ST/PC	€/ST/PC
63	62.0	124.5	83.0	59.0	17-7.4	0.249	20.64
75	68.5	139.5	97.0	65.5	17-7.4	0.350	29.47
90	68.0	138.5	112.0	72.0	17-7.4	0.450	39.22
110	73.0	149.0	136.0	83.0	17-7.4	0.712	47.18
125	83.5	169.5	155.0	91.0	17-7.4	0.980	66.36
140	88.5	180.0	173.0	99.0	17-7.4	1.370	77.82
160	88.0	180.0	197.0	109.0	17-7.4	1.710	91.45
180	97.5	199.5	221.0	119.0	26-7.4	2.460	131.27
200	105.0	215.5	245.0	127.0	17-7.4	3.140	154.98
225	112.0	229.0	275.0	142.0	17-7.4	4.200	199.69
250	116.5	238.0	310.0	155.0	26-7.4	4.820	294.22
280	121.5	249.0	346.0	180.0	26-7.4	7.700	398.72
315	127.5	260.0	386.0	180.5	26-7.4	8.000	479.60

PE 100 RC , water/eau : 16 bar

SDR 11 / ISO S-5

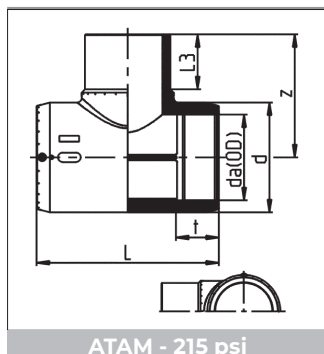
da	t	L	d	d1	SDR	KG/ST/PC	€/ST/PC
355	136.5	280	445	225.0	26-11	14.75	878.24
400	146.5	300	499	254.0	26-11	19.80	1101.23
450	166.0	338	552	260.0	17-11	20.60	1391.86
500	178.5	358	604	289.0	17-11	26.00	1633.02



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



PE 100-RC



T-STUKKEN 90°

TES A 90°

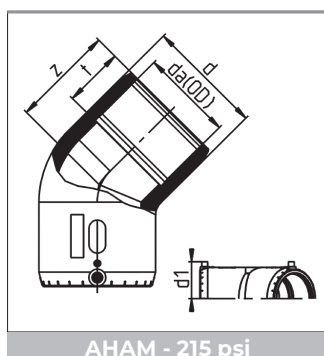
TEES 90°

Gespoten / Injectés / Moulded

PE 100 RC, 218 PSI, 16 bar

SDR 11 / ISO S-5

da	z	L	L3	d	t	d1	KG/ST/PC	€/ST/PC
63	116.0	185.5	64.5	88.0	62.0	60.0	0.538	39.41
75	128.0	210.5	71.5	97.0	69.0	64.0	0.650	55.61
90	171.5	293.0	91.0	124.0	76.0	72.5	1.720	74.13
110	190.0	326.5	101.0	148.5	71.5	85.0	2.670	112.62
125	215.0	347.5	111.0	170.0	86.0	93.1	3.700	141.82
140	-	-	-	-	-	-	4.600	251.63
160	245.0	370.5	122.0	211.5	85.0	110.5	6.120	262.71
180	275.0	419.5	130.0	232.0	98.5	123.5	9.000	457.20
200	302.0	427.0	136.0	264.0	105.0	139.0	10.980	585.98
225	325.0	479.5	147.0	287.0	110.0	150.0	13.400	716.39



KNEEEN 45°

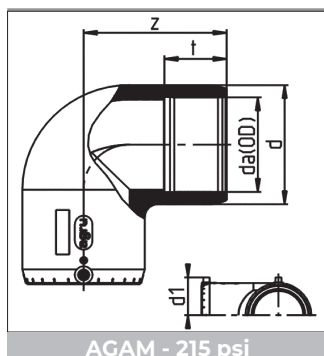
COUDES A 45°

ELBOWS 45°

PE 100 RC, 218 PSI, 16 bar

SDR 11 / ISO S-5

da	t	z	d	d1	KG/ST/PC	€/ST/PC
63	61.5	82	82.5	58.5	0.327	39.36
75	68.5	94	97.0	66.0	0.500	56.38
90	71.0	113	115.0	74.0	0.850	74.42
110	72.0	124	140.0	82.5	1.430	109.12
125	86.0	124	161.0	92.0	1.830	151.11
140	-	-	-	-	1.920	258.42
160	89.0	164	200.0	112.0	3.400	296.23
180	99.0	172	224.0	119.0	4.890	432.38
200	106.5	178	248.5	130.5	6.000	597.14
225	113.5	190	279.0	145.5	7.990	643.48



KNEEEN 90°

COUDES A 90°

ELBOWS 90°

PE 100 RC, 218 PSI, 16 bar

SDR 11 / ISO S-5

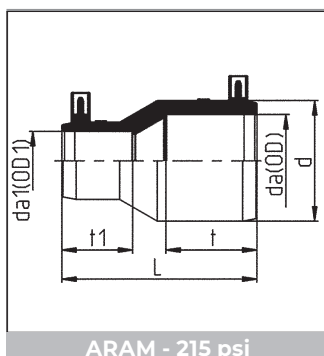
da	t	z	d	d1	KG/ST/PC	€/ST/PC
63	62.7	100	83	60.0	0.392	39.36
75	70.0	114	97	66.0	0.607	56.38
90	70.5	147	114	73.0	1.030	74.42
110	70.5	164	140	82.5	1.800	109.12
125	84.0	164	161	91.0	2.460	151.11
140	-	-	-	-	2.530	258.42
160	87.0	222	200	109.0	4.700	296.23
180	98.5	230	224	118.0	6.250	432.38
200	106.5	250	248	129.5	8.000	597.14
225	112.5	274	279	144.0	10.800	643.48



electrolasfittings met geïntegreerde lasmof - AGRULINE
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electrofusion fittings with integrated sockets - AGRULINE



PE 100-RC

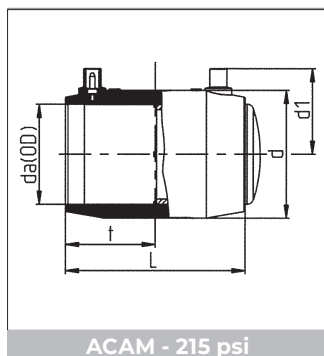


REDUCTIES
REDUCTIONS
REDUCERS

PE 100 RC, 218 PSI, 16 bar

SDR 11 / ISO S-5

da/da1	L	d	d1	t	t1	KG/ST/PC	€/ST/PC
75/63	155.5	97.0	63.0	69.0	61.5	0.380	45.86
90/63	171.5	117.0	73.5	71.5	62.5	0.550	52.96
110/63	200.5	140.5	84.0	72.0	62.5	0.860	86.31
110/90	180.5	140.5	84.0	72.0	71.0	0.940	86.31
125/90	183.5	156.0	90.0	83.0	68.7	0.992	106.03
125/110	173.5	156.0	90.0	82.0	69.5	1.050	106.03
160/90	240.5	200.0	108.5	89.5	71.0	1.890	150.60
160/110	224.5	200.0	108.5	89.5	71.0	1.980	154.39
225/160	282.5	280.0	147.0	113.0	88.0	5.120	350.45



EINDKAPPEN
BOUCHONS
END CAPS

PE 100 RC, 218 PSI, 16 bar

SDR 11 / ISO S-5

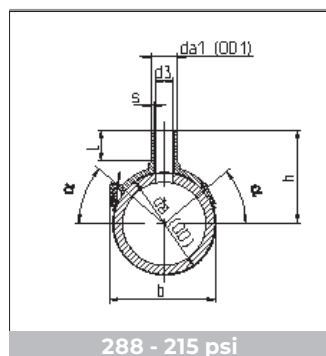
da	L	d	d1	t	KG/ST/PC	€/ST/PC
63	124.5	83.0	59.0	62.0	0.35	34.19
75	139.5	97.0	65.5	68.5	0.50	53.76
90	138.5	112.0	72.0	68.0	0.73	76.46
110	149.5	136.0	83.0	74.0	1.23	98.07
125	169.5	155.0	91.0	83.5	1.88	120.52
140	180.0	180.0	99.0	88.5	2.40	160.60
160	180.0	197.0	107.5	88.0	2.92	169.29
180	199.5	221.0	119.0	97.5	4.18	222.29
200	215.5	245.0	127.0	105.0	5.32	262.72
225	229.0	275.0	142.0	112.0	7.20	334.47
250	238.0	310.0	155.0	116.5	9.84	498.33
280	249.0	346.0	180.0	121.5	12.66	689.34
315	260.0	386.0	187.0	127.5	17.06	868.49



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
SELLE DE SUPPORT - TYPE 288
SPIGOT SADDLE - TYPE 288

SDR 11, ISO S-5

da/da1	h	d3	b	s	alph(°)	L	KG/ST/PC	€/ST/PC
90/ 63	141.5	45	-	5.8	0	77	0.260	125.43
110/ 63	153.5	45	143.5	5.8	0	77	0.305	126.85
125/ 63	158.5	45	155.0	5.8	0	77	0.323	190.82
140/ 63	166.0	45	170.0	5.8	0	77	0.323	190.82
160/ 63	184.0	45	193.5	5.8	0	77	0.510	150.00
160/ 90	202.0	65	196.5	8.2	0	92	0.881	182.85
160/110	202.0	84	196.5	10.0	0	98	0.949	184.30
180/ 63	193.0	45	214.5	5.8	0	77	0.589	151.94
180/ 90	216.0	65	216.5	8.2	0	92	1.005	185.16
180/110	216.0	84	216.5	10.0	0	98	1.095	187.02
225/ 63	219.0	45	244.5	5.8	40	77	0.555	179.77
225/ 90	237.0	65	244.5	8.2	30	92	0.942	202.49
225/110	237.0	84	244.5	10.0	30	97	1.018	204.13
250/ 63	231.0	45	266.0	5.8	40	77	0.550	191.83
250/ 75	251.0	55	266.0	6.8	30	86	0.731	218.49
250/ 90	251.0	65	266.0	8.2	30	92	0.991	218.49
250/110	251.0	84	266.0	10.0	30	98	1.068	220.07
280/ 63	231.0	45	305.0	5.8	40	77	0.550	192.25
280/ 90	251.0	65	305.0	8.2	30	92	1.038	263.18
280/110	251.0	84	305.0	10.0	30	98	1.068	265.15
315/ 63	266.0	45	294.0	5.8	40	77	0.619	193.27
315/ 90	285.0	65	326.5	8.2	30	92	1.059	220.83
315/110	285.0	84	326.5	10.0	30	98	1.185	222.53
355/ 63	266.0	45	294.0	5.8	40	77	0.619	249.93
355/ 90	285.0	65	326.5	8.2	30	92	1.060	296.46
355/110	285.0	84	326.5	10.0	30	98	1.190	308.02

Onderste deel : schroefbaar

Partie inf. : vissable

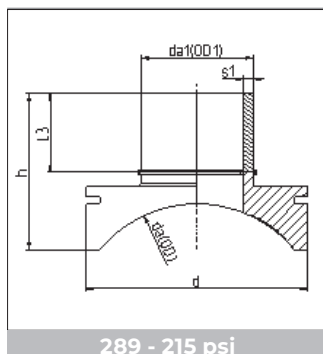
Bottom part: screwable



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
SELLE DE SUPPORT, TYPE TOPLOAD - 289
SPIGOT SADDLE, TYPE TOPLOAD - 289

SDR 11, ISO S-5

da/da1	MOP	h	d	s1	L3	KG/ST/PC	€/ST/PC
355/125	16	209	280	11.4	102.0	2.980	1312.40
400/ 90	16	173	200	8.2	94.0	1.260	1116.21
400/110	16	189	250	10.0	97.0	2.180	1221.27
400/125	16	204	280	11.4	102.0	2.900	1312.40
450/ 90	16	171	200	8.2	94.0	1.050	1116.21
450/110	16	186	250	10.0	97.0	1.880	1221.27
450/125	16	199	280	11.4	102.0	3.300	1312.40
500/ 90	16	168	200	8.2	94.0	1.220	1149.68
500/110	16	182	250	10.0	97.0	1.860	1257.90
500/125	16	195	280	11.4	102.0	2.740	1351.76
560/ 90	16	166	200	8.2	94.0	1.065	1149.68
560/110	16	179	250	10.0	97.0	1.807	1257.90
560/125	16	191	280	11.4	102.0	2.680	1351.76
630/ 90	16	166	200	8.2	94.0	1.135	1149.68
630/110	16	176	250	10.0	97.0	1.980	1257.90
630/125	16	188	280	11.4	102.0	2.600	1351.76

Een installatie kit vereist.

Une kit d'installation est nécessaire.

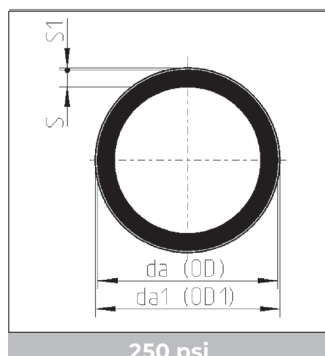
An installation kit is required.



buizen
tuyaux
pipes



PE 100-RC



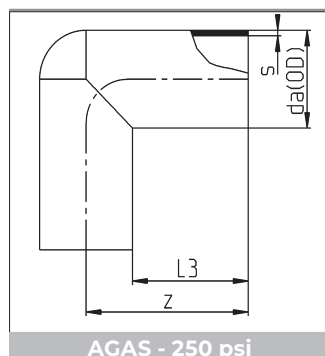
DRUKBUIS - RECHTE LENGTEN - ZWART
TUYAUX DE PRESSION - LONGUEURS DROITES - NOIR
PRESSURE PIPE - STRAIGHT LENGTHS - BLACK

L = 12 m
Volgens FM1613.

SDR 9 / ISO S-4

da	s	KG/M
63	7.1	1.30
75	8.4	1.80
90	10.1	2.60
110	12.3	3.80
125	14.0	4.90
140	15.7	6.20
160	17.9	8.05
180	20.1	10.20
200	22.4	12.60
225	25.2	15.90
250	27.9	19.56
280	31.3	24.60
315	35.2	31.10
355	39.7	39.50
400	44.7	50.10
450	50.3	63.40
500	55.8	78.10

prijs op aanvraag / prix sur demande / prices on request



KNEEEN 90°
COUDES A 90°
ELBOWS 90°

Met verlengde benen, gespoten.
Ook geschikt voor electromoflas.

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

Elongated, moulded.
Also suitable for electro socket welding.

**SDR 7.4 / uiteinden bewerkt naar SDR 9 / conseils adaptés de SDR 9 / ends machined to SDR 9
ISO S-4**

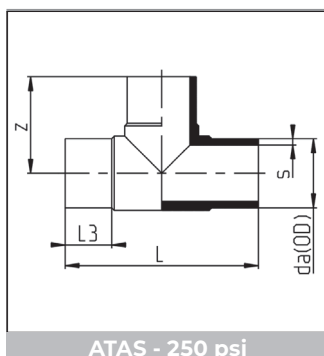
da	L3	z	s	KG/ST/PC	€/ST/PC
63	76.0	109.0	7.1	0.309	31.54
75	84.5	124.0	8.4	0.489	39.21
90	82.5	126.0	10.1	0.730	49.13
110	88.0	145.5	12.3	1.190	94.11
125	101.0	165.0	14.0	1.740	116.32
160	101.0	180.0	17.9	3.160	175.86
200	114.5	214.0	22.4	5.750	263.05



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



PE 100-RC

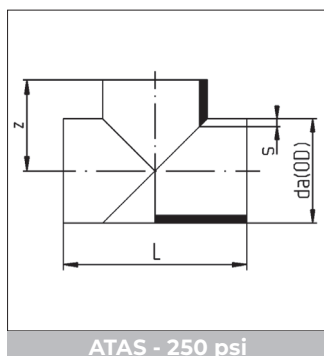


T-STUKKEN 90° VERLENGD
TES A 90° ALLONGES
TEES 90° ELONGATED

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

SDR 7.4 / uiteinden bewerkt naar SDR 9 / conseils adaptés de SDR 9 / ends machined to SDR 9

da	L3	L	z	s	KG/ST/PC	€/ST/PC
63	63	217	110	7.1	0.47	29.08
90	79	275	145	10.1	1.25	68.55
110	82	315	160	15.1	2.04	100.36
125	87	346	175	17.1	2.87	137.77
160	98	408	208	21.9	5.80	287.29
200	112	495	248	27.4	10.60	540.09
225	120	540	270	30.8	14.20	641.77



Gesegmenteerd. Ook geschikt voor electromoflas.
Segmenté. Convienent aussi pour l'electro-soudage.
Segmented. Also suitable for electric socket welding.

SDR 7.4 / uiteinden bewerkt naar SDR 9 / conseils adaptés de SDR 9 / ends machined to SDR 9

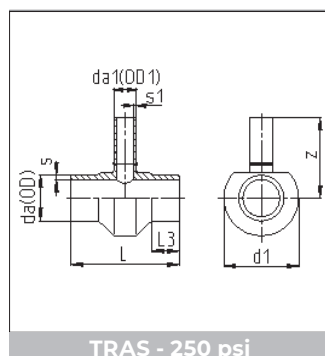
da	L1	L	z	s	KG/ST/PC	€/ST/PC
250	140	530	265.0	27.9	21.20	1896.95
280	150	580	290.0	31.3	26.22	2218.43
315	170	655	327.5	35.2	43.00	3368.94
355	180	715	357.5	39.7	35.00	4302.65
400	200	800	400.0	44.7	76.70	5290.69
450	225	900	450.0	50.3	45.20	5787.04
500	235	970	485.0	55.8	45.60	9578.40
560	-	-	-	-	188.00	19406.72
630	-	-	-	-	252.00	25347.49



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



PE 100-RC



VERLOOP T-STUKKEN 90°

TES REDUITS A 90°

TEES 90° REDUCING

Machined.

SDR 9 / ISO S-4

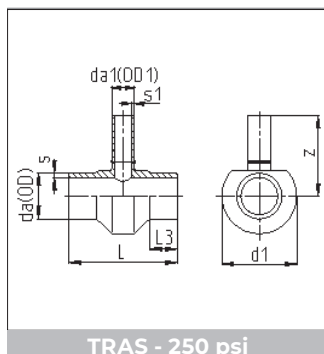
da/da1	s	z	L3	s1	d1	L	KG/ST/PC	€/ST/PC
90/ 63	10.1	170.0	50	7.1	154	213	1.30	274.11
90/ 75	10.1	170.0	50	8.4	159	225	1.60	283.28
110/ 63	12.3	180.0	50	7.1	172	213	2.01	291.24
110/ 75	12.3	180.0	50	8.4	177	255	2.20	300.60
110/ 90	12.3	180.0	50	10.1	184	240	2.30	345.46
125/ 63	14.0	187.5	50	7.1	186	213	2.80	317.40
125/ 75	14.0	187.5	50	8.4	191	225	2.80	327.90
125/ 90	14.0	187.5	50	10.1	197	240	3.00	345.46
140/ 63	15.7	195.0	50	7.1	201	213	3.50	348.45
140/ 75	15.7	195.0	50	8.4	205	225	3.20	360.17
140/ 90	15.7	195.0	50	10.1	211	240	3.80	379.54
140/110	15.7	195.0	50	12.3	220	260	4.10	403.37
140/125	15.7	195.0	50	14.0	228	275	4.40	416.02
160/ 63	17.9	205.0	50	7.1	220	213	5.00	393.17
160/ 75	17.9	205.0	50	8.4	223	225	5.20	409.41
160/ 90	17.9	205.0	50	10.1	229	240	5.40	431.92
160/110	17.9	205.0	50	12.3	238	260	4.72	459.93
160/125	17.9	205.0	50	14.0	245	275	5.80	482.98
180/ 63	20.1	215.0	50	7.1	239	213	6.40	444.91
180/ 75	20.1	215.0	50	8.4	242	225	4.50	444.91
180/ 90	20.1	215.0	50	10.1	247	240	7.00	482.59
180/110	20.1	215.0	50	12.3	255	260	7.70	529.22
180/125	20.1	215.0	50	14.0	262	275	8.00	548.64
200/ 63	22.4	225.0	50	7.1	258	213	8.20	468.13
200/ 75	22.4	225.0	50	8.4	262	225	6.80	473.80
200/ 90	22.4	225.0	50	10.1	266	240	8.50	517.01
200/110	22.4	225.0	50	12.3	274	260	8.80	551.25
200/125	22.4	225.0	50	14.0	280	275	9.00	575.27
200/140	22.4	225.0	50	15.7	287	290	9.30	627.97
200/160	22.4	225.0	50	17.9	297	310	9.70	672.30
225/ 63	25.2	237.5	50	7.1	283	213	11.00	512.22
225/ 75	25.2	237.5	50	8.4	286	225	8.90	536.80
225/ 90	25.2	237.5	50	10.1	290	240	12.00	575.74
225/110	25.2	237.5	50	12.3	297	260	13.00	640.42
225/125	25.2	237.5	50	14.0	303	275	14.00	707.51
225/140	25.2	237.5	50	15.7	309	209	13.50	739.00
225/160	25.2	237.5	50	17.9	318	310	14.50	789.78
250/ 63	27.9	250.0	50	7.1	307	213	15.00	584.66
250/ 75	27.9	250.0	50	8.4	340	225	15.50	625.06
250/ 90	27.9	250.0	50	10.1	314	240	16.00	645.84
250/110	27.9	237.5	50	12.3	320	260	17.00	714.48
250/125	27.9	250.0	50	14.0	325	275	17.00	750.84
250/140	27.9	250.0	50	15.7	332	290	18.00	805.56
250/160	27.9	250.0	50	17.9	340	310	19.00	840.15
250/180	27.9	300.0	50	20.1	350	330	20.00	961.42
250/200	-	-	-	-	-	-	28.90	1407.26
280/ 63	31.3	265.0	50	7.1	336	213	18.00	720.69
280/ 75	31.3	265.0	50	8.4	339	225	19.00	729.48
280/ 90	31.3	265.0	50	10.1	343	240	19.00	786.81
280/110	31.3	250.0	50	12.3	348	260	20.00	871.89
280/125	31.3	250.0	50	14.0	353	275	21.00	912.85
280/140	31.3	265.0	50	15.7	359	290	23.00	929.51
280/160	31.3	265.0	50	17.9	367	310	24.00	987.78
280/180	31.3	315.0	50	20.1	376	330	25.00	1075.97
280/200	31.3	315.0	50	22.4	386	350	28.00	1228.42



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



PE 100-RC



VERLOOP T-STUKKEN 90°

TES REDUITS A 90°

TEES 90° REDUCING

Machined.

SDR 9 / ISO S-4

da/da1	s	z	L3	s1	d1	L	KG/ST/PC	€/ST/PC
315/ 63	35.2	282.5	50	7.1	371	213	22.0	814.95
315/ 75	35.2	282.5	50	8.4	373	225	26.0	858.89
315/ 90	35.2	282.5	50	10.1	376	240	23.0	897.53
315/110	35.2	282.5	50	12.3	382	260	11.4	992.56
315/140	35.2	282.5	50	15.7	391	290	29.0	1085.70
315/160	35.2	282.5	50	17.9	399	310	24.7	1153.12
315/180	35.2	332.5	50	20.1	407	330	25.7	1246.82
315/200	35.2	332.5	50	22.4	417	350	24.9	1355.08
315/225	35.2	332.5	50	25.2	429	375	25.0	1929.36
355/ 63	39.7	302.5	75	7.1	410	263	27.8	1366.71
355/ 75	39.7	302.5	75	8.4	412	275	30.0	1420.74
355/ 90	39.7	302.5	75	10.1	415	290	28.2	1487.20
355/110	39.7	302.5	75	12.3	420	310	29.0	1609.90
355/140	39.7	302.5	75	15.7	429	340	33.0	1743.93
355/160	39.7	302.5	75	17.9	436	360	29.8	1831.59
355/180	39.7	352.5	75	20.1	444	380	30.6	1938.11
355/200	39.7	352.5	75	22.4	452	400	34.0	2059.93
355/225	39.7	352.5	75	25.2	464	425	35.0	2143.97
355/250	39.7	352.5	75	27.9	476	450	36.0	2260.67
355/280	-	-	-	-	-	-	38.1	2783.92
355/315	-	-	-	-	-	-	48.2	3340.81
400/ 63	44.7	325.0	75	7.1	455	263	33.5	1439.75
400/ 75	44.7	325.0	75	8.4	457	275	34.0	1469.40
400/ 90	44.7	325.0	75	10.1	459	290	17.8	1571.57
400/110	44.7	325.0	75	12.3	464	310	35.7	1652.35
400/160	44.7	325.0	75	17.9	478	360	38.9	1877.08
400/180	44.7	375.0	75	20.1	485	380	41.0	1957.88
400/200	44.7	375.0	75	22.4	493	400	30.9	2107.46
400/225	44.7	375.0	75	25.2	504	425	39.0	3085.35
400/250	44.7	375.0	75	27.9	515	450	40.0	3333.23
400/280	44.7	375.0	75	31.3	530	480	41.0	3497.60
400/315	44.7	375.0	75	35.2	550	515	43.0	3665.65
450/ 63	50.3	350.0	75	7.1	504	263	40.5	1913.24
450/ 75	50.3	350.0	75	8.4	506	275	37.0	2105.54
450/ 90	50.3	350.0	75	10.1	509	290	38.0	2246.81
450/110	50.3	350.0	75	12.3	512	310	41.2	2377.54
450/125	50.3	350.0	75	14.0	516	325	39.0	2470.72
450/140	50.3	350.0	75	15.7	520	340	40.0	2582.28
450/160	50.3	350.0	75	17.9	525	360	42.0	2725.29
450/180	50.3	400.0	75	20.1	532	380	42.7	2919.99
450/200	50.3	400.0	75	22.4	539	400	37.2	3065.81
450/225	50.3	400.0	75	25.2	549	425	42.0	3207.97
450/250	50.3	400.0	75	27.9	560	450	50.0	3387.63
450/280	50.3	400.0	75	31.3	574	480	43.0	3552.00
450/315	50.3	400.0	75	35.2	591	515	65.1	3720.06
500/ 63	55.8	375.0	90	7.1	554	293	42.7	2110.49
500/ 75	55.8	375.0	75	8.4	556	275	41.0	2190.41
500/ 90	55.8	375.0	75	10.1	558	290	42.0	2301.22
500/110	55.8	375.0	90	12.3	561	340	43.4	2468.21
500/125	55.8	375.0	75	14.0	565	325	43.0	2561.39
500/140	55.8	375.0	75	15.7	568	340	44.0	2654.81
500/160	55.8	375.0	90	17.9	573	390	44.0	2797.84
500/180	55.8	425.0	90	20.1	579	410	44.5	2956.26
500/200	55.8	425.0	90	22.4	586	430	44.7	3102.08
500/225	55.8	425.0	90	25.2	595	455	45.0	3262.38
500/250	55.8	425.0	75	27.9	605	450	46.0	3423.90
500/280	55.8	425.0	75	31.3	618	480	47.0	3588.28

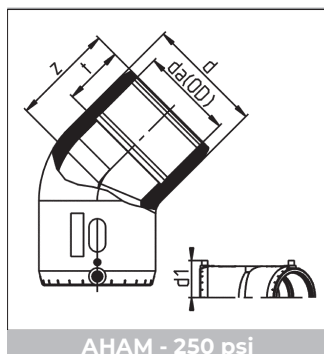
Grotere diameters : op aanvraag
Diamètres plus grands : sur demande
Larger diameters: on request.



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



PE 100-RC

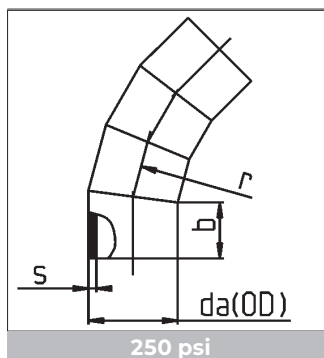


KNIEEN 45°
COUDES A 45°
ELBOWS 45°

PE 100 RC, 250 PSI, 16 bar

SDR 11 / ISO S-5

da	t	z	d	d1	KG/ST/PC	€/ST/PC
63	62.0	82	82.5	58.5	0.33	39.36
75	69.5	94	97.0	66.0	0.33	56.38
90	71.0	113	115.0	74.0	0.50	74.42
110	72.0	124	140.0	82.5	0.89	109.12
125	86.0	124	161.0	92.0	1.43	151.11
160	89.0	164	200.0	112.0	1.83	296.23
180	99.0	172	224.0	119.0	3.56	432.38
200	106.5	178	249.0	131.0	4.89	597.14
225	113.0	190	279.0	146.0	6.00	643.48



KNIEEN 45° VERLENGD, 4 SEGMENTEN
COUDES A 45° ALLONGES, 4 ÉLÉMENTS
ELBOWS 45° ELONGATED, 4 SEGMENTS

PE 100 RC, 250 PSI, 16 bar

SDR 9/ ISO S-4

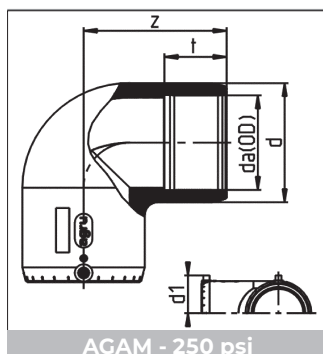
da	s	b	z	KG/ST/PC	€/ST/PC
140	15.7	115	239	3.10	436.51
160	-	-	-	4.55	574.03
180	-	-	-	6.40	640.22
250	27.9	175	356	15.82	745.71
280	31.3	175	362	20.18	832.37
315	35.2	175	369	23.00	1018.68
355	39.7	300	642	53.70	1555.48
400	44.7	300	651	69.00	1844.66
450	50.3	300	661	88.64	2182.37
500	55.8	300	672	110.70	2613.64
560	-	-	-	142.00	3865.52
630	-	-	-	182.00	4606.11



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



PE 100-RC

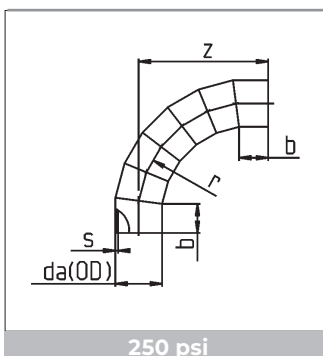


KNIEEN 90°
COUDES A 90°
ELBOWS 90°

PE 100 RC, 250 PSI, 16 bar

SDR 11 / ISO S-5

da	t	z	d	d1	KG/ST/PC	€/ST/PC
63	63.0	100	83	60.0	0.39	39.36
75	70.0	115	97	66.0	0.60	56.38
90	70.5	147	114	73.0	1.09	74.42
110	71.5	164	140	82.5	1.80	109.12
125	84.0	164	161	91.0	2.40	151.11
160	87.0	222	200	109.0	4.70	296.23
180	98.5	230	224	118.0	6.25	432.38
200	107.0	250	248	130.0	8.00	597.14
225	113.0	274	279	144.0	10.80	643.48



KNIEEN 90°, 7 SEGMENTEN
COUDES A 90°, 7 ÉLÉMENTS
ELBOWS 90°, 7 SEGMENTS

Gesegmenteerd. Ook geschikt voor electromoflas.
Segmenté. Convient aussi pour l'electro-soudage.
Segmented. Also suitable for electric socket welding.

SDR 9 / ISO S-4

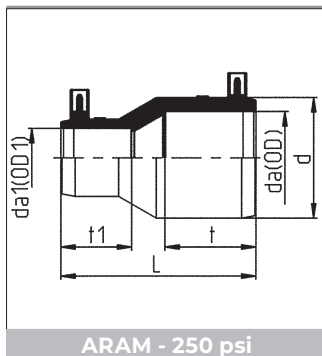
da	s	b	z	KG/ST/PC	€/ST/PC
140	15.7	115	515	5.80	820.20
180	-	-	-	10.60	1109.87
225	-	-	-	17.90	1367.41
250	27.9	175	696	19.70	1529.39
280	31.3	175	711	34.69	1609.27
315	35.2	175	728	38.00	1856.55
355	39.7	300	1302	93.60	2688.29
400	44.7	300	1324	120.50	3243.01
450	50.3	300	1349	155.03	3828.52
500	55.8	300	1374	194.14	4552.60
560	-	-	-	245.00	6882.78
630	-	-	-	338.00	8696.22



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



PE 100-RC

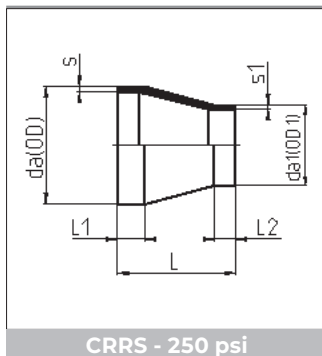


REDUCTIES
REDUCTIONS
REDUCERS

PE 100 RC. 250 PSI. 16 bar

SDR 11 / ISO S-5

da/da1	L	d	d1	t	t1	KG/ST/PC	€/ST/PC
90/63	173	117	73.5	72	64	0.56	52.96
110/63	202	141	84.0	73	64	0.86	86.31
110/90	182	141	84.0	73	72	0.94	86.31
125/90	185	156	90.0	84	69	0.99	106.03
125/110	175	156	90.0	83	70	1.05	106.03
160/90	242	200	109.0	91	71	1.89	150.60
160/110	226	200	109.0	91	72	2.00	154.39
225/160	284	280	147.0	114	89	5.12	350.45



REDUCTIES
REDUCTIONS
REDUCERS

Machined

SDR 9 / ISO S-4

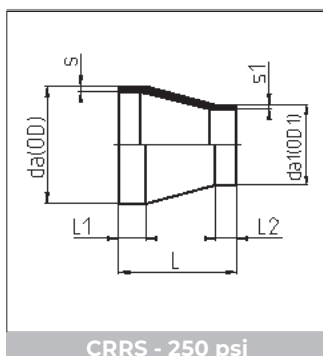
da/da1	s	L	L1	L2	s1	KG/ST/PC	€/ST/PC
75/ 63	8.4	70	35	20	7.1	0.12	70.03
90/ 63	10.1	70	25	20	7.1	0.16	75.46
90/ 75	10.1	70	35	20	8.4	0.17	75.46
110/ 75	12.3	95	35	25	8.4	0.29	90.39
125/ 75	14.0	95	35	25	8.4	0.54	117.96
140/ 75	15.7	115	40	30	8.4	0.61	138.30
140/ 90	15.7	115	40	30	10.1	0.63	138.30
140/110	15.7	115	40	30	12.3	0.59	138.30
140/125	15.7	115	40	30	14.0	0.57	138.30
160/140	17.9	125	40	30	15.7	0.87	153.72
180/ 90	20.1	140	45	35	10.1	1.35	208.07
180/110	20.1	135	45	35	12.3	1.40	208.07
180/125	20.1	130	45	35	14.0	1.05	208.07
180/140	20.1	130	45	35	15.7	1.38	208.07
180/160	20.1	125	45	35	17.9	1.32	208.07
200/140	22.4	145	50	40	15.7	1.44	232.96
200/180	22.4	140	50	40	20.1	1.86	232.96
225/140	25.2	155	55	40	15.7	2.15	282.55
225/180	25.2	145	55	40	20.1	3.10	282.55
225/200	25.2	140	55	40	22.4	3.75	282.55
250/180	27.9	160	60	40	20.1	5.0	437.91
250/200	27.9	200	60	40	22.4	3.6	437.91
280/160	31.3	200	60	40	17.9	3.5	437.91
280/180	31.3	160	60	40	20.1	7.0	437.91
280/200	31.3	200	60	40	22.4	3.8	437.91
280/225	31.3	200	60	40	25.5	4.6	437.91
280/250	31.3	200	60	40	27.9	4.3	437.91
315/160	35.2	200	60	40	17.9	5.0	706.17
315/180	35.2	200	60	40	20.1	4.6	706.17
315/200	-	-	-	-	-	5.2	706.17
315/225	35.2	200	60	40	25.5	5.2	706.17
315/250	35.2	200	60	40	27.9	5.8	706.17
315/280	35.2	200	60	40	31.3	6.0	706.17



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



PE 100-RC



REDUCTIES
REDUCTIONS
REDUCERS

Machined

SDR 9 / ISO S-4

da/da1	s	L	L1	L2	s1	KG/ST/PC	€/ST/PC
355/180	39.7	250	65	45	20.1	8.0	832.71
355/200	39.7	210	80	40	22.4	9.0	832.71
355/225	39.7	250	65	45	25.5	8.6	832.71
355/250	39.7	250	65	45	27.9	8.8	832.71
355/280	39.7	250	65	45	31.3	9.2	832.71
355/315	39.7	250	65	45	35.2	9.6	832.71
400/180	44.7	250	65	45	20.1	9.6	832.71
400/225	44.7	250	65	45	25.5	9.0	832.71
400/250	44.7	250	65	45	27.9	10.4	832.71
400/280	44.7	250	65	45	31.3	10.8	832.71
400/315	44.7	250	65	45	35.2	11.4	832.71
400/355	44.7	250	65	75	39.7	11.8	832.71
450/225	50.3	250	65	45	25.5	14.0	1227.15
450/250	50.3	250	65	45	27.9	7.07	1227.15
450/280	50.3	250	65	45	31.3	14.8	1227.15
450/315	50.3	250	65	45	35.2	14.2	1227.15
450/355	50.3	250	65	75	39.7	16.0	1227.15
450/400	50.3	250	65	75	44.7	16.5	1227.15
500/315	55.8	250	65	75	35.2	17.4	1227.15
500/355	55.8	250	65	75	39.7	17.4	1227.15
500/400	55.8	250	65	75	44.7	18.0	1227.15
500/450	55.8	250	65	75	50.3	21.0	1227.15

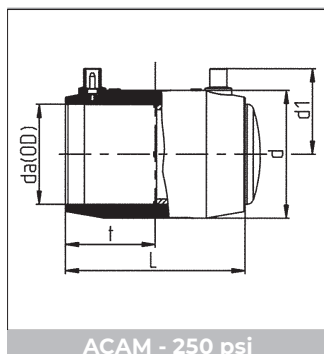
Grotere diameters : op aanvraag
Diamètres plus grands : sur demande
Larger diameters: on request.



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



PE 100-RC

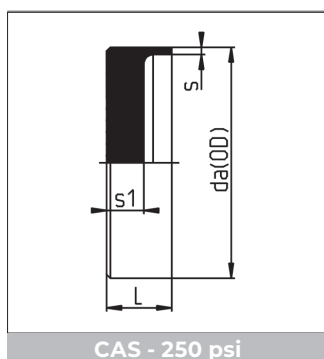


EINDKAPPEN
BOUCHONS
END CAPS

PE 100 RC, 250 PSI, 16 bar

SDR 11 / ISO S-5

da	L	d	d1	t	KG/ST/PC	€/ST/PC
63	124.5	83.0	59.0	62.0	0.35	34.19
75	139.5	97.0	65.5	68.5	0.50	53.76
90	138.5	112.0	72.0	68.0	0.73	76.46
110	149.5	136.0	83.0	74.0	1.23	98.07
125	169.5	155.0	91.0	83.5	1.88	120.52
140	180.0	180.0	99.0	88.5	2.40	160.60
160	180.0	197.0	107.5	88.0	2.92	169.29
180	199.5	221.0	119.0	97.5	4.18	222.29
200	215.5	245.0	127.0	105.0	5.32	262.72
225	229.0	275.0	142.0	112.0	7.20	334.47
250	238.0	310.0	155.0	116.5	9.84	498.33
280	249.0	346.0	180.0	121.5	12.66	689.34
315	260.0	386.0	187.0	127.5	17.06	868.49



EINDKAP
BOUCHON
END CAPS

Machined

SDR 9 / ISO S-4

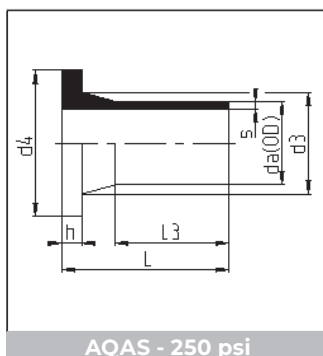
da	s	L	s1	KG/ST/PC	€/ST/PC
250	27.9	80	55	2.9	303.60
280	31.3	80	55	4.5	311.97
315	35.2	85	60	5.1	365.97
355	39.7	90	65	6.5	457.82
400	44.7	95	70	7.8	473.45
450	50.3	110	85	9.2	743.88
500	55.8	120	95	10.4	792.36



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



PE 100-RC



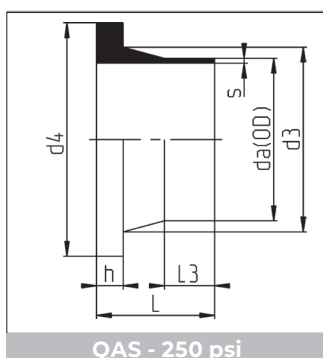
VOORLASKRAGEN. VERLENGD
COLLETS ALLONGEES
STUBS ELONGATED

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

SDR 7.4/ uiteinden bewerkt naar SDR9 / conseils adaptés de SDR9 / ends machined to SDR9

da	s	L	L3	d3	d4	h	KG/ST/PC
63	7.1	118.0	78.0	75	102	14	0.259
75	8.4	128.0	86.0	89	122	16	0.400
90	10.1	140.0	95.0	105	138	17	0.590
110	12.3	140.0	97.0	125	158	18	0.843
125	14.0	180.0	121.5	132	158	25	1.260
160	17.9	181.5	119.5	175	212	25	2.140
200	22.4	180.5	121.5	232	268	32	3.580
225	25.2	182.5	129.0	235	268	32	3.800

prijs op aanvraag / prix sur demande / prices on request
SDR 9/ ISO S-4 / ANSI : op aanvraag / sur demande / on request



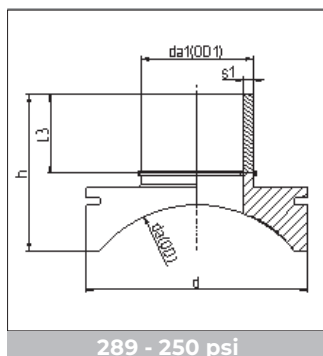
VOORLASKRAGEN
COLLETS
STUBS

Machined

SDR 9/ ISO S-4 / DIN

da	s	L	L3	d3	d4	h	KG/ST/PC
140	15.7	95	37	155	188	30	0.9
180	20.1	100	43	183	212	35	1.0
250	27.9	130	58	285	320	41	4.0
280	31.3	130	58	291	320	45	4.2
315	35.2	136	65	335	370	47	5.8
355	39.7	150	70	373	430	52	8.6
400	44.7	155	70	427	482	58	11.4
450	50.3	166	70	514	585	69	19.0
500	55.8	175	70	530	585	71	18.5

prijs op aanvraag / prix sur demande / prices on request



AANBOORZADEL. TYPE TOPLOAD - 289
SELLE DE SUPPORT. TYPE TOPLOAD - 289
SPIGOT SADDLE. TYPE TOPLOAD - 289

SDR 9/ ISO S-4 / DIN

da/da1	h	d	s1	L3	KG/ST/PC	€/ST/PC
355/ 90	176	200	10.1	94	1.27	1395.27
355/110	194	250	12.3	97	2.16	1526.59
355/125	209	280	14.0	102	2.99	1640.49
400/ 90	173	200	10.1	94	1.25	1395.27
400/110	189	250	12.3	97	2.09	1526.59
400/125	204	280	14.0	102	2.87	1640.49
450/ 90	171	200	10.1	94	1.22	1395.27
450/110	186	250	12.3	97	2.04	1526.59
450/125	199	280	14.0	102	3.31	1640.49
500/ 90	168	200	10.1	94	1.21	1437.13
500/110	182	250	12.3	97	1.99	1572.38
500/125	195	280	14.0	102	2.71	1689.70

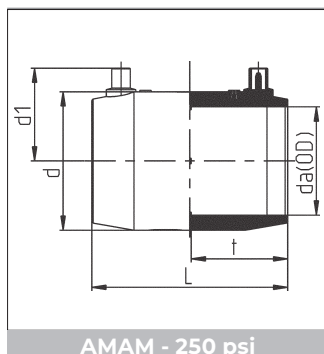
Grotere diameters : op aanvraag
Diamètres plus grands : sur demande
Larger diameters: on request.



electromoflasfittings
raccords pour electrosoudable
fittings for electro socket welding



PE 100-RC



ELECTROLASMOFFEN
MANCHONS ELECTRO-SOUDAGE
ELECTRO WELDING SLEEVES

Gespoten
Injectés
Moulded

PE 100 RC , water/eau : 25 bar

SDR 11 / ISO S-5

da	t	L	d	d1	SDR	KG/ST/PC	€/ST/PC
63	62.0	124.5	83.0	59.0	17-7.4	0.25	20.64
75	68.5	139.5	97.0	65.5	17-7.4	0.37	29.47
90	68.0	138.5	112.0	72.0	17-7.4	0.44	39.22
110	73.0	149.0	136.0	83.0	17-7.4	0.71	47.18
125	83.5	169.5	155.0	91.0	17-7.4	0.99	66.36
140	88.5	180.0	173.0	99.0	17-7.4	1.36	77.82
160	88.0	180.0	197.0	109.0	17-7.4	1.70	91.45
180	97.5	199.5	221.0	119.0	26-7.4	2.49	131.27
200	105.0	215.5	245.0	127.0	17-7.4	2.84	154.98
225	112.0	229.0	275.0	142.0	17-7.4	3.92	199.69
250	116.5	238.0	310.0	155.0	26-7.4	5.14	294.22
280	121.5	249.0	346.0	180.0	26-7.4	6.47	398.72
315	127.5	260.0	386.0	180.5	26-7.4	8.44	479.60

PE 100 RC , water/eau : 16 bar

SDR 11 / ISO S-5

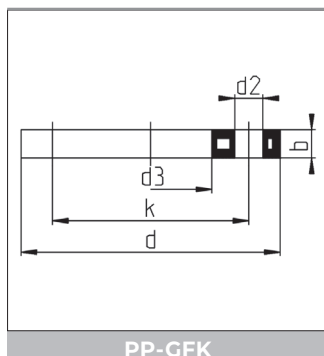
da	t	L	d	d1	SDR	KG/ST/PC	€/ST/PC
355	136.5	280	445	225.0	26-11	11.50	878.24
400	146.5	300	499	254.0	26-11	15.34	1101.23
450	166.0	338	552	260.0	17-11	20.60	1391.86
500	178.5	358	604	289.0	17-11	25.17	1633.02



flenzen
brides
backing rings



PE 100-RC



OVERSCHUIFFLENZEN ZWART MET STALEN KERN
BRIDES LIBRES NOIR AVEC NOYAU EN ACIER
BACKING RINGS BLACK WITH STEEL INSERT

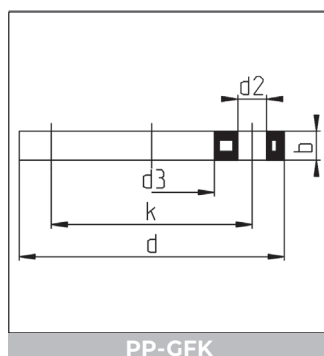
Volgens EN 1092-1 PN10, geboord PN10/16 da 63-180, geboord PN10 da 200-500.
Materiaal: PP-R + 30% glasvezel.

Selon EN 1092-1 PN10; forrage PN10/16 da 63-180, forrage PN10 da 200-500.
Matériau: PP-R + 30% de fibres de verre.

According to EN 1092-1 PN10, drilled PN10/16 da 63-180, drilled PN10 da 200-500.
Material: PP-R +30% glassfibre.

BUIS TUYAU PIPE						BOUTEN BOULONS BOLTS	KG/ST/PC	€/ST/PC
	da	d	d2	d3	b	k		
63	165	18.0	78	18	125	4 x M16	0.78	22.09
75	186	18.0	92	18	145	4 x M16	1.10	24.54
90	202	18.0	108	20	160	8 x M16	1.19	29.15
110	222	18.0	128	20	180	8 x M16	1.37	34.62
125	220	18.0	135	20	180	8 x M16	1.19	34.62
140	250	18.0	158	24	210	8 x M16	1.94	53.27
160	285	22.0	178	23	240	8 x M20	2.59	61.12
180	286	22.0	190	24	240	8 x M20	2.23	61.12
200	340	22.0	235	25	295	8 x M20	3.54	87.15
225	340	22.0	238	25	295	8 x M20	3.43	87.15
250	409	22.0	288	30	350	12 x M20	6.27	139.05
280	409	22.0	294	30	350	12 x M20	6.29	139.05
315	463	23.0	338	34	400	12 x M20	9.62	174.79
355	515	22.5	376	42	460	16 x M20	14.45	368.36
400	574	26.0	430	46	515	16 x M24	17.20	416.71
450	678	26.0	517	45	620	20 x M24	24.96	516.19
500	678	26.0	533	45	620	20 x M24	24.20	516.19
560	789	30.0	618	50	725	20 x M27	33.40	700.05
630	789	30.0	645	50	725	20 x M27	31.84	700.05

da 63 - 180 PN10/16 geboord / foré / drilled MOP: 16 bar
da 200 - 500 PN10 geboord / foré / drilled MOP: 16 bar
da 560 - 630 PN10 geboord / foré / drilled MOP: 10 bar



OVERSCHUIFFLENZEN ZWART MET STALEN KERN
BRIDES LIBRES NOIR AVEC NOYAU EN ACIER
BACKING RINGS BLACK WITH STEEL INSERT

Volgens DIN 16.962/16.963, geboord PN16 / Selon DIN 16.962/16.963; forrage PN16 /
According to: DIN 16.962/16.963, drilled PN16

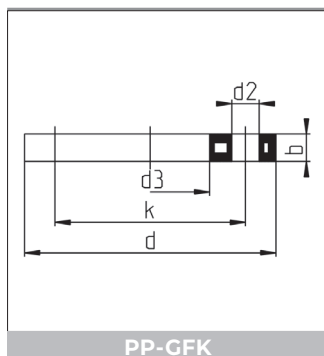
BUIS TUYAU PIPE						BOUTEN BOULONS BOLTS	KG/ST/PC	€/ST/PC
	da	d	d2	d3	b	k		
200	340	22	235	24	295	12 x M20	3.23	102.05
225	340	22	238	24	295	12 x M20	3.22	102.05
250	418	26	288	30	355	12 x M24	6.70	167.14
280	419	26	294	30	355	12 x M24	6.84	167.14
315	478	26	338	34	410	12 x M24	8.30	207.48
355	530	26	376	42	470	16 x M24	16.70	433.93
400	599	30	430	46	525	16 x M27	17.00	487.13



flenzen
brides
backing rings



PE 100-RC



OVERSCHUIFFLENZEN MET STALEN KERN
BRIDES LIBRES AVEC NOYAU EN ACIER
BACKING FLANGES WITH STEEL INSERT

Gespoten, met stalen kern volgens ANSI norm (ASME B 16.5 class. 150)
Materiaal: PP-R + 30% glasvezel.
Kleur: grijs (alternatief: zwart)

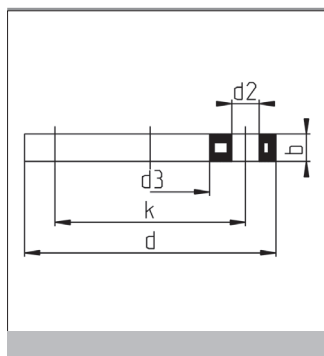
Injectées avec noyau en acier selon norme ANSI (ASME B 16.5 class. 150)
Matériau: PP-R + 30% de fibres de verre
Couleur: gris (noir en option)

Moulded with steel insert according to ANSI (ASME B 16.5 class. 150)
Material: PP-R + 30% glass fibre
Colour: grey (alternative: black)

	BUIS TUYAU PIPE		d	k	d3	b	d2	n	KG/ST/PC	€/ST/PC
	Da									
2"	63	162	120.65	78	18	20	4	0.83	25.42	
2 1/2"	75	184	139.70	92	18	20	4	1.07	28.21	
3"	90	194	152.40	111	18	20	4	1.10	33.53	
4"	110/125	229	190.50	133	18	20	8	1.56	39.82	
5"	140	-	-	-	-	-	-	2.25	70.30	
6"	160	283	241.30	178	24	22	8	2.38	70.30	
8"	200/225	345	298.45	236	24	22	8	3.87	100.21	
10"	250/280	412	361.95	288	26	25	12	6.09	159.92	
12"	315	487	431.80	338	32	25	12	13.00	201.00	

MOP: 16 bar

n = aantal gaten / nombre de trous / number of holes



STALEN OVERSCHUIFFLENZEN
BRIDES LIBRES EN ACIER
STEEL BACKING FLANGES

Volgens ANSI norm (ASME B 16.5 class. 150)
Materiaal: staal, gegalvaniseerd.

Selon norme ANSI (ASME B 16.5 class. 150)
Matériau: acier galvanisé

According to ANSI (ASME B 16.5 class. 150)
Material: steel galvanised

	BUIS TUYAU PIPE		d	k	b	d2	BOUTEN BOULONS BOLTS		KG/ST/PC	€/ST/PC
	Da									
14"	355	535	476.25	33.4	29	12 x M30		17.17	423.61	
16"	400	595	539.75	35.0	29	16 x M32		21.20	479.21	
18"	450	635	577.85	38.1	32	16 x M32		26.38	593.62	
20"	500	700	635.00	41.3	32	20 x M32		27.88	593.62	
22"	560	750	692.15	30.2	35	20 x M32		37.80	1264.09	
24"	630	815	749.30	46.1	35	20 x M32		38.80	1369.26	

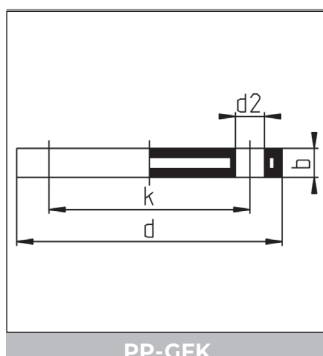
MOP: 16 bar



flenzen
brides
backing rings



PE 100-RC



BLINDFLENZEN MET STALEN KERN
BRIDES PLEINES AVEC NOYAU EN ACIER
BACKING FLANGES WITH STEEL INSERT

Volgens EN 1092-1 PN10

Geboord PN10/16 da 63-180, geboord PN10 da 200-400.

Materiaal: PP-R + 30% glasvezel.

Selon EN 1092-1 PN10; forrage PN10/16 da 63-180, forrage PN10 da 200-400.

Matériau: PP-R + 30% de fibres de verre.

According to EN 1092-1 PN10, drilled PN10/16 da 63-180, drilled PN10 da 200-400.

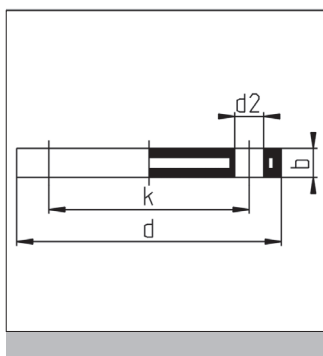
Material: PP-R +30% glassfibre.

BUIS TUYAU PIPE							BOUTEN BOULONS BOLTS		
	da	d	d2	b	k	DN		KG/ST/PC	€/ST/PC
63	165.0	18	17	125	50	4 x M16		1.15	68.49
75	185.5	18	19	145	65	4 x M16		1.64	80.22
90	202.0	18	20	160	80	8 x M16		1.96	88.29
110/125	220.0	18	20	180	100	8 x M16		2.35	120.63
140	250.0	18	24.5	210	125	8 x M16		3.90	148.11
160/180	285.0	22	23.0	240	150	8 x M20		4.87	186.88
200/225	340.0	22	25	295	200	8 x M20		6.50	207.59
250/280	409.0	22	30	350	250	12 x M20		15.40	271.25
315	463.0	22	34	400	300	12 x M20		25.80	396.04
355	515.0	22	42	460	350	16 x M20		39.40	774.68
400	574.0	27	46	515	400	16 x M24		50.44	885.00

da 63 - 180 PN10/16 geboord / foré / drilled MOP: 16 bar

da 200 - 225 PN10 geboord / foré / drilled MOP: 16 bar

da 250 - 400 PN10 geboord / foré / drilled MOP: 10 bar



STALEN BLINDFLENZEN
BRIDES PLEINES EN ACIER
STEEL BACKING FLANGES

Volgens EN 1092-1 PN10

Materiaal: staal, gegalvaniseerd

Selon EN 1092-1 PN10

Matériau: acier galvanisé

According to EN 1092-1 PN10

Material: steel galvanised

BUIS TUYAU PIPE					BOUTEN BOULONS BOLTS	
Da	d	k	b	d2		KG/ST/PC
450/500	670	620	44	26	20 x M24	75.00

prijs op aanvraag / prix sur demande / prices on request

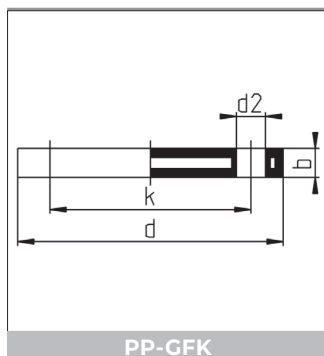
MOP: 10 bar



flenzen
brides
backing rings



PE 100-RC



PP-GFK

BLINDFLENZEN MET STALEN KERN
BRIDES PLEINES AVEC NOYAU EN ACIER
BACKING FLANGES WITH STEEL INSERT

Gespotten, met stalen kern volgens ANSI norm (ASME B 16.5 class. 150)

Materiaal: PP-R + 30% glasvezel.

Kleur: grijs (alternatief: zwart)

Injectées avec noyau en acier selon norme ANSI (ASME B 16.5 class. 150)

Matériau: PP-R + 30% de fibres de verre

Couleur: gris (noir en option)

Moulded with steel insert according to ANSI (ASME B 16.5 class. 150)

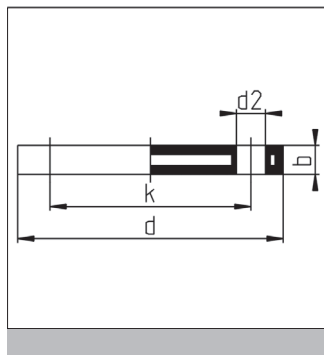
Material: PP-R + 30% glass fibre

Colour: grey (alternative: black)

	BUIS TUYAU PIPE	Da	d	k	DN	d3	b	d2	n	KG	€
										ST/PC	ST/PC
2"	63	162	120.7	50	78	18	20	4	1.22	85.58	
2 1/2"	75	184	139.7	65	92	18	20	4	1.54	97.87	
3"	90	194	152.4	80	111	18	20	4	1.84	110.34	
4"	110/125	229	190.5	100	133	18	20	8	2.88	150.76	
6"	160	283	241.3	150	178	24	22	8	5.00	233.76	
8"	200/225	345	298.5	200	236	24	22	8	7.92	259.63	
10"	250/280	412	362.0	250	288	27	25	12	14.80	338.91	
12"	315	487	431.8	300	338	33	25	12	29.00	495.34	

MOP: 16 bar

n = aantal gaten / nombre de trous / number of holes



STALEN BLINDFLENZEN
BRIDES PLEINES EN ACIER
STEEL BACKING FLANGES

Volgens ANSI norm (ASME B 16.5 class. 150)

Materiaal: staal, gegalvaniseerd.

Selon norme ANSI (ASME B 16.5 class. 150)

Matériau: acier galvanisé

According to ANSI (ASME B 16.5 class. 150)

Material: steel galvanised

BUIS TUYAU PIPE							
	Da	d	k	b	d2	n	KG/ST/PC
14"	355	535	476.5	33.4	32	12	57.00
16"	400	595	539.8	35.0	35	16	68.00
18"	450	635	577.9	38.1	35	16	102.00
20"	500	700	635.0	41.3	35	20	120.00

prijs op aanvraag / prix sur demande / prices on request

MOP: 20 bar

n = aantal gaten / nombre de trous / number of holes