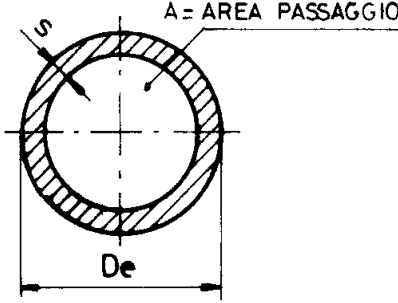
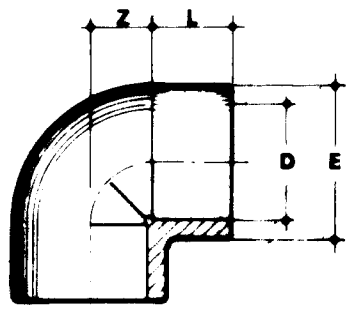
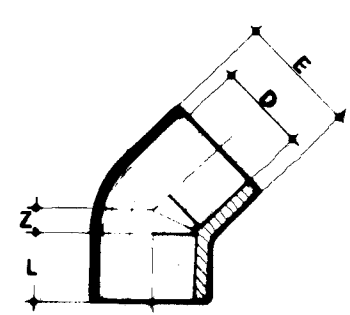
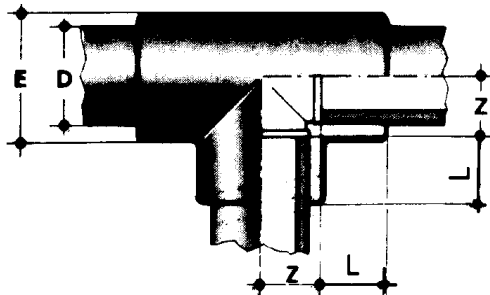


FIRMA	DATA		TUBI, RACCORDI E VALVOLE IN POLIPROPILENE PP POLYPROPYLENE PP PIPES, FITTINGS AND VALVES (M - 2)		NORMA 2.000.058																																																																																																											
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DESCRIZIONE MODIFICHE		NORMALIZZAZIONE	TUBI PROPYLENE PP - PN 10 - DIN 8078 ISO 3609 (Polypropylene pipes)																																																																																																													
			 A = AREA PASSAGGIO <table border="1" style="flex: 2;"> <thead> <tr> <th>DN</th> <th>De</th> <th>A cm2</th> <th>s</th> <th>Massa Kg/m</th> <th>CODICE</th> </tr> </thead> <tbody> <tr><td>15</td><td>20</td><td>2,06</td><td>2,5</td><td>0,13</td><td>0.087561.W</td></tr> <tr><td>20</td><td>25</td><td>3,27</td><td>2,7</td><td>0,18</td><td>0.087562.X</td></tr> <tr><td>25</td><td>32</td><td>5,31</td><td>3</td><td>0,27</td><td>0.087563.Z</td></tr> <tr><td>32</td><td>40</td><td>8,35</td><td>3,7</td><td>0,41</td><td>0.087564.S</td></tr> <tr><td>40</td><td>50</td><td>13,07</td><td>4,6</td><td>0,64</td><td>0.087565.T</td></tr> <tr><td>50</td><td>63</td><td>20,75</td><td>5,8</td><td>1,02</td><td>0.087566.R</td></tr> <tr><td>65</td><td>75</td><td>29,42</td><td>6,9</td><td>1,44</td><td>0.087567.V</td></tr> <tr><td>80</td><td>90</td><td>42,54</td><td>8,2</td><td>2,05</td><td>0.087568.D</td></tr> <tr><td>100</td><td>110</td><td>63,62</td><td>10</td><td>3,06</td><td>0.087569.E</td></tr> <tr><td>125</td><td>140</td><td>102,8</td><td>12,8</td><td>4,99</td><td>0.087571.Z</td></tr> <tr><td>150</td><td>160</td><td>134,4</td><td>14,6</td><td>6,47</td><td>0.087572.S</td></tr> <tr><td>200</td><td>225</td><td>265,9</td><td>20,5</td><td>12,85</td><td>0.087575.V</td></tr> <tr><td>250</td><td>280</td><td>411,8</td><td>25,5</td><td>19,89</td><td>0.087557.T</td></tr> <tr><td>300</td><td>315</td><td>521,2</td><td>28,7</td><td>25,18</td><td>0.087558.B</td></tr> <tr><td>350</td><td>355</td><td>662,3</td><td>32,3</td><td>37,85</td><td>0.087559.C</td></tr> <tr><td>400</td><td>400</td><td>840,8</td><td>36,4</td><td>40,94</td><td>0.087560.A</td></tr> </tbody> </table>				DN	De	A cm2	s	Massa Kg/m	CODICE	15	20	2,06	2,5	0,13	0.087561.W	20	25	3,27	2,7	0,18	0.087562.X	25	32	5,31	3	0,27	0.087563.Z	32	40	8,35	3,7	0,41	0.087564.S	40	50	13,07	4,6	0,64	0.087565.T	50	63	20,75	5,8	1,02	0.087566.R	65	75	29,42	6,9	1,44	0.087567.V	80	90	42,54	8,2	2,05	0.087568.D	100	110	63,62	10	3,06	0.087569.E	125	140	102,8	12,8	4,99	0.087571.Z	150	160	134,4	14,6	6,47	0.087572.S	200	225	265,9	20,5	12,85	0.087575.V	250	280	411,8	25,5	19,89	0.087557.T	300	315	521,2	28,7	25,18	0.087558.B	350	355	662,3	32,3	37,85	0.087559.C	400	400	840,8	36,4	40,94	0.087560.A				
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EM		- Temp. esercizio: 0° - 80°C a 1 bar 0° to 80°C operational temp. at 1 bar - Saldatura di testa per polifusione DN ≥125 DN ≥125 butt welding - Saldatura nel bicchiere DN ≤ 110 DN ≤ 110 bell welding Es. di designazione: 0.087569.E Tubo PP - DN125 - PN 10 DIN 8077/8078 N 2.000.058 (PP Pipe)																																																																																																														
RIPRODUZIONE VIETATA			GOMITI PP 90°-45° - PN 10 - DIN 8078 ISO 3609 (Polypropylene 90°-45° Elbows)																																																																																																													
Mod. 3.1.28 by Mac.			 		- Unione per polifusione nel bicchiere Bell welding Es. di designaz.: 0.087581.K Gomito 90° - PP - DN 40 - PN 10- DIN 8077/8078 N 2.000.058 (90° PP Elbow)																																																																																																											
+			<table border="1"> <thead> <tr> <th rowspan="2">DN</th> <th rowspan="2">D</th> <th rowspan="2">L</th> <th colspan="2">Z</th> <th rowspan="2">E</th> <th colspan="2">Massa Kg</th> <th colspan="2">CODICE</th> </tr> <tr> <th>90°</th> <th>45°</th> <th>90°</th> <th>45°</th> <th>Gomito 90° 90° Elbow</th> <th>Gomito 45° 45° Elbow</th> </tr> </thead> <tbody> <tr><td>15</td><td>20</td><td>14,5</td><td>12,5</td><td>8</td><td>27,8</td><td>0,01</td><td>0,01</td><td>0.087577.X</td><td>0.087586.Q</td></tr> <tr><td>20</td><td>25</td><td>16,5</td><td>15,5</td><td>9</td><td>33,7</td><td>0,03</td><td>0,02</td><td>0.087578.F</td><td>0.087587.H</td></tr> <tr><td>25</td><td>32</td><td>18</td><td>19</td><td>10</td><td>42</td><td>0,05</td><td>0,04</td><td>0.087579.G</td><td>0.087588.S</td></tr> <tr><td>32</td><td>40</td><td>20,5</td><td>22,5</td><td>13</td><td>51,5</td><td>0,08</td><td>0,06</td><td>0.087580.W</td><td>0.087589.T</td></tr> <tr><td>40</td><td>50</td><td>23,5</td><td>27,5</td><td>14</td><td>63,3</td><td>0,12</td><td>0,09</td><td>0.087581.K</td><td>0.087590.Z</td></tr> <tr><td>50</td><td>63</td><td>27,5</td><td>34</td><td>17</td><td>78,6</td><td>0,18</td><td>0,14</td><td>0.087582.L</td><td>0.087591.M</td></tr> <tr><td>65</td><td>75</td><td>31</td><td>40,5</td><td>20</td><td>93</td><td>0,29</td><td>0,21</td><td>0.087583.M</td><td>0.087592.N</td></tr> <tr><td>80</td><td>90</td><td>35,5</td><td>47,5</td><td>23</td><td>110,7</td><td>0,47</td><td>0,44</td><td>0.087584.N</td><td>0.087593.P</td></tr> <tr><td>100</td><td>110</td><td>41,5</td><td>57,5</td><td>27</td><td>134,5</td><td>0,8</td><td>0,58</td><td>0.087585.P</td><td>0.087594.Q</td></tr> </tbody> </table>				DN	D	L	Z		E	Massa Kg		CODICE		90°	45°	90°	45°	Gomito 90° 90° Elbow	Gomito 45° 45° Elbow	15	20	14,5	12,5	8	27,8	0,01	0,01	0.087577.X	0.087586.Q	20	25	16,5	15,5	9	33,7	0,03	0,02	0.087578.F	0.087587.H	25	32	18	19	10	42	0,05	0,04	0.087579.G	0.087588.S	32	40	20,5	22,5	13	51,5	0,08	0,06	0.087580.W	0.087589.T	40	50	23,5	27,5	14	63,3	0,12	0,09	0.087581.K	0.087590.Z	50	63	27,5	34	17	78,6	0,18	0,14	0.087582.L	0.087591.M	65	75	31	40,5	20	93	0,29	0,21	0.087583.M	0.087592.N	80	90	35,5	47,5	23	110,7	0,47	0,44	0.087584.N	0.087593.P	100	110	41,5	57,5	27	134,5	0,8	0,58	0.087585.P	0.087594.Q
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DN	D	P	H	Massa Kg	CODICE
15	20	20	64	0,01	0.095818.X
20	25	25	78	0,01	0.095819.Z
25	32	30	92	0,02	0.095820.W
32	40	40	98	0,03	0.095821.K
40	50	50	105	0,05	0.095822.L
50	63	60	115	0,1	0.095823.M

EM	DESCRIZIONE MODIFICHE	FIRMA	DATA		TUBI, RACCORDI E VALVOLE IN POLIPROPILENE PP POLYPROPYLENE PP PIPES, FITTINGS AND VALVES			NORMA	
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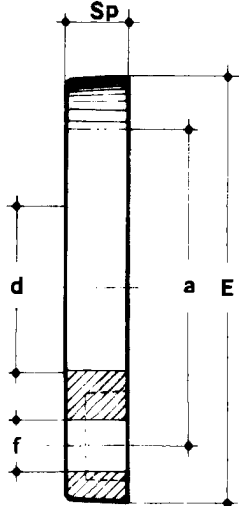
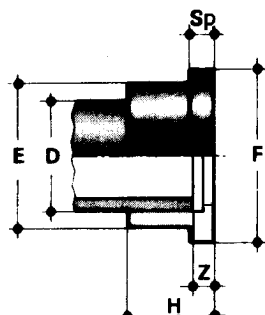
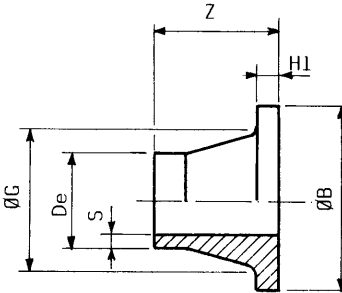
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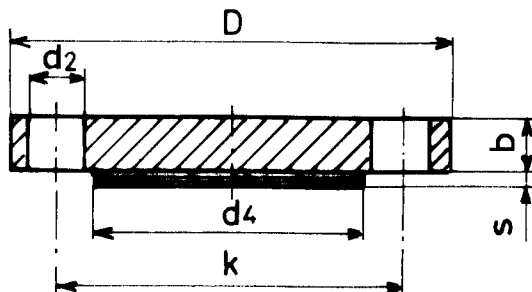
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FIRMA	DATA	DESCRIZIONE MODIFICHE	EM	RIPRODUZIONE VIETATA	Mod. 3.1.28 by Mac.	FIRMA		DATA																																																																																																																																																		
						TUBI, RACCORDI E VALVOLE IN POLIPROPILENE PP POLYPROPYLENE PP PIPES, FITTINGS AND VALVES				NORMA 2.000.058																																																																																																																																																
NORMALIZZAZIONE						EDIZIONE 18-05-1989		PAGINA 5/17																																																																																																																																																		
FLANGE LIBERE IN PVC/C (Free PVC/C flanges)																																																																																																																																																										
Mat.: PVC/C Sulfonato per temperature max 100°C Sulphonated PVC/C for 100°C max temperature Es. di designaz.: 0.087669.N - Flangia libera PVC/C DN 50- PN 10 N 2.000.058 (Free flange)																																																																																																																																																										
			<table><tr><th>DN</th><th>D</th><th>E</th><th>d</th><th>a</th><th>Sp</th><th>f</th><th>n° fori</th><th>Bulloni AISI 304</th><th>Massa Kg</th><th>CODICE</th></tr><tr><td>15</td><td>20</td><td>95</td><td>28</td><td>65</td><td>11</td><td>14</td><td>4</td><td>M12x55</td><td>0,06</td><td>0.087664.D</td></tr><tr><td>20</td><td>25</td><td>105</td><td>34</td><td>75</td><td>12</td><td>14</td><td>4</td><td>M12x60</td><td>0,1</td><td>0.087665.E</td></tr><tr><td>25</td><td>32</td><td>115</td><td>42</td><td>85</td><td>14</td><td>14</td><td>4</td><td>M12x60</td><td>0,14</td><td>0.087666.F</td></tr><tr><td>32</td><td>40</td><td>140</td><td>51</td><td>100</td><td>15</td><td>18</td><td>4</td><td>M16x70</td><td>0,2</td><td>0.087667.G</td></tr><tr><td>40</td><td>50</td><td>150</td><td>62</td><td>110</td><td>16</td><td>18</td><td>4</td><td>M16x75</td><td>0,24</td><td>0.087668.Q</td></tr><tr><td>50</td><td>63</td><td>165</td><td>78</td><td>125</td><td>18</td><td>18</td><td>4</td><td>M16x80</td><td>0,34</td><td>0.087669.N</td></tr><tr><td>65</td><td>75</td><td>185</td><td>92</td><td>140</td><td>19</td><td>18</td><td>4</td><td>M16x90</td><td>0,44</td><td>0.087670.P</td></tr><tr><td>80</td><td>90</td><td>200</td><td>110</td><td>160</td><td>20</td><td>18</td><td>8</td><td>M16x90</td><td>0,55</td><td>0.087671.C</td></tr><tr><td>100</td><td>110</td><td>220</td><td>133</td><td>180</td><td>22</td><td>18</td><td>8</td><td>M16x100</td><td>0,71</td><td>0.087672.D</td></tr><tr><td>125</td><td>140</td><td>250</td><td>167</td><td>210</td><td>25</td><td>18</td><td>8</td><td>M16x110</td><td>1,6</td><td>0.087674.F</td></tr><tr><td>150</td><td>160</td><td>285</td><td>190</td><td>240</td><td>25</td><td>22</td><td>8</td><td>M20x120</td><td>2,4</td><td>0.087675.G</td></tr><tr><td>200</td><td>225</td><td>340</td><td>250</td><td>295</td><td>25</td><td>23</td><td>8</td><td>M20x130</td><td>2,75</td><td>0.087676.A</td></tr></table>									DN	D	E	d	a	Sp	f	n° fori	Bulloni AISI 304	Massa Kg	CODICE	15	20	95	28	65	11	14	4	M12x55	0,06	0.087664.D	20	25	105	34	75	12	14	4	M12x60	0,1	0.087665.E	25	32	115	42	85	14	14	4	M12x60	0,14	0.087666.F	32	40	140	51	100	15	18	4	M16x70	0,2	0.087667.G	40	50	150	62	110	16	18	4	M16x75	0,24	0.087668.Q	50	63	165	78	125	18	18	4	M16x80	0,34	0.087669.N	65	75	185	92	140	19	18	4	M16x90	0,44	0.087670.P	80	90	200	110	160	20	18	8	M16x90	0,55	0.087671.C	100	110	220	133	180	22	18	8	M16x100	0,71	0.087672.D	125	140	250	167	210	25	18	8	M16x110	1,6	0.087674.F	150	160	285	190	240	25	22	8	M20x120	2,4	0.087675.G	200	225	340	250	295	25	23	8	M20x130	2,75	0.087676.A
DN	D	E	d	a	Sp	f	n° fori	Bulloni AISI 304	Massa Kg	CODICE																																																																																																																																																
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COLLARI D'APPOGGIO A SEDE PIANA- PP - PN 10 - DIN 8078 ISO 3609 (Flat seat collars)																																																																																																																																																										
- Unione per polifusione nel bicchiere (Bell welding) Es. di designaz.:0.087681.W Collare- PP - DN 40 - PN 10- DIN 8077/8078 N 2.000.058 (Collar)																																																																																																																																																										
			<table><tr><th>DN</th><th>D</th><th>Sp</th><th>E</th><th>F</th><th>H</th><th>Z</th><th>Massa Kg</th><th>CODICE</th></tr><tr><td>15</td><td>20</td><td>6</td><td>27</td><td>34</td><td>19,5</td><td>5</td><td>0,01</td><td>0.087677.B</td></tr><tr><td>20</td><td>25</td><td>7</td><td>33</td><td>41</td><td>21</td><td>5</td><td>0,01</td><td>0.087678.K</td></tr><tr><td>25</td><td>32</td><td>7</td><td>41</td><td>50</td><td>23</td><td>5</td><td>0,02</td><td>0.087679.L</td></tr><tr><td>32</td><td>40</td><td>8</td><td>50</td><td>61</td><td>25,5</td><td>5</td><td>0,02</td><td>0.087680.A</td></tr><tr><td>40</td><td>50</td><td>8</td><td>61</td><td>73</td><td>28,5</td><td>5</td><td>0,03</td><td>0.087681.W</td></tr><tr><td>50</td><td>63</td><td>9</td><td>76</td><td>90</td><td>32,5</td><td>5</td><td>0,06</td><td>0.087682.X</td></tr><tr><td>65</td><td>75</td><td>10</td><td>90</td><td>106</td><td>36</td><td>5</td><td>0,09</td><td>0.087683.Z</td></tr><tr><td>80</td><td>90</td><td>11</td><td>109</td><td>125</td><td>42,5</td><td>7</td><td>0,14</td><td>0.087684.S</td></tr><tr><td>100</td><td>110</td><td>12</td><td>131</td><td>150</td><td>48,5</td><td>7</td><td>0,23</td><td>0.087685.T</td></tr></table>									DN	D	Sp	E	F	H	Z	Massa Kg	CODICE	15	20	6	27	34	19,5	5	0,01	0.087677.B	20	25	7	33	41	21	5	0,01	0.087678.K	25	32	7	41	50	23	5	0,02	0.087679.L	32	40	8	50	61	25,5	5	0,02	0.087680.A	40	50	8	61	73	28,5	5	0,03	0.087681.W	50	63	9	76	90	32,5	5	0,06	0.087682.X	65	75	10	90	106	36	5	0,09	0.087683.Z	80	90	11	109	125	42,5	7	0,14	0.087684.S	100	110	12	131	150	48,5	7	0,23	0.087685.T																																																					
DN	D	Sp	E	F	H	Z	Massa Kg	CODICE																																																																																																																																																		
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32	40	8	50	61	25,5	5	0,02	0.087680.A																																																																																																																																																		
40	50	8	61	73	28,5	5	0,03	0.087681.W																																																																																																																																																		
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COLLARI D'APPOGGIO A SALDARE DI TESTA- PP - PN 10 - DIN 8078 ISO 3609 (Butt welding collars)																																																																																																																																																										
			<table><tr><th>DN</th><th>De</th><th>G</th><th>B</th><th>Z</th><th>S</th><th>H1</th><th>Massa Kg</th><th>CODICE</th></tr><tr><td>80</td><td>90</td><td>105</td><td>138</td><td>80</td><td>8,2</td><td>17</td><td>0,32</td><td>0.095879.D</td></tr><tr><td>100</td><td>110</td><td>125</td><td>158</td><td>80</td><td>10</td><td>18</td><td>0,44</td><td>0.095880.T</td></tr><tr><td>125</td><td>140</td><td>155</td><td>188</td><td>80</td><td>12,8</td><td>25</td><td>0,7</td><td>0.095881.P</td></tr><tr><td>150</td><td>160</td><td>175</td><td>212</td><td>80</td><td>14,6</td><td>25</td><td>1,2</td><td>0.095882.Q</td></tr><tr><td>200</td><td>225</td><td>235</td><td>268</td><td>100</td><td>20,5</td><td>32</td><td>2</td><td>0.095883.H</td></tr><tr><td>250</td><td>280</td><td>291</td><td>320</td><td>100</td><td>25,5</td><td>35</td><td>3</td><td>0.095884.K</td></tr><tr><td>300</td><td>315</td><td>335</td><td>370</td><td>100</td><td>28,7</td><td>35</td><td>3,8</td><td>0.095885.L</td></tr></table>									DN	De	G	B	Z	S	H1	Massa Kg	CODICE	80	90	105	138	80	8,2	17	0,32	0.095879.D	100	110	125	158	80	10	18	0,44	0.095880.T	125	140	155	188	80	12,8	25	0,7	0.095881.P	150	160	175	212	80	14,6	25	1,2	0.095882.Q	200	225	235	268	100	20,5	32	2	0.095883.H	250	280	291	320	100	25,5	35	3	0.095884.K	300	315	335	370	100	28,7	35	3,8	0.095885.L																																																																							
DN	De	G	B	Z	S	H1	Massa Kg	CODICE																																																																																																																																																		
80	90	105	138	80	8,2	17	0,32	0.095879.D																																																																																																																																																		
100	110	125	158	80	10	18	0,44	0.095880.T																																																																																																																																																		
125	140	155	188	80	12,8	25	0,7	0.095881.P																																																																																																																																																		
150	160	175	212	80	14,6	25	1,2	0.095882.Q																																																																																																																																																		
200	225	235	268	100	20,5	32	2	0.095883.H																																																																																																																																																		
250	280	291	320	100	25,5	35	3	0.095884.K																																																																																																																																																		
300	315	335	370	100	28,7	35	3,8	0.095885.L																																																																																																																																																		
GUARNIZIONI FPM - GASKETS - VED. N 2.000.056																																																																																																																																																										

 Documents
Document Sharing

FIRMA	DATA	DANIELI NORMALIZZAZIONE	TUBI, RACCORDI E VALVOLE IN POLIPROPILENE PP POLYPROPYLENE PP PIPES, FITTINGS AND VALVES	NORMA 2.000.058	
				EDIZIONE 18-05-1989	PAGINA 6/17

FLANGE CIECHE PN 10 CON RIVESTIMENTO PP
Blind flanges with PP coat



Materiale flangia: RSt 37.2

S = Spessore rivestimento minimo = 4 mm

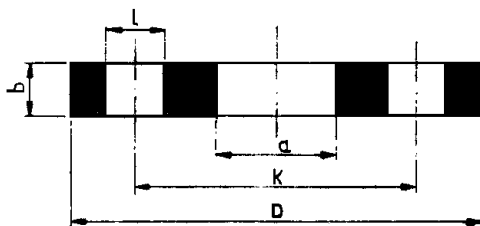
Min thickness coating = 4 mm

NOTA: da DN 25 a 150 proporzionamento flange
PN 16

Es. di designazione: 0.093115.M Flange cieche
PN10 Acciaio/PP - DN 100 N 2.000.058
(Blind flanges Steel/PP)

DN	D	b	k	d4	n° fori	d2	Massa Kg	CODICE
25	115	16	85		4	14	1,23	0.093109.F
32	140	16	100		4	18	1,8	0.093110.R
40	150	16	110		4	18	2,09	0.093111.Q
50	165	18	125		4	18	2,88	0.093112.H
65	185	18	145	55	4	18	3,66	0.093113.K
80	200	20	160	70	8	18	4,77	0.093114.L
100	220	20	180	90	8	18	5,65	0.093115.M
125	250	22	210	115	8	18	8,42	0.093116.N
150	285	22	240	140	8	22	10,4	0.093117.P
200	340	24	295	190	8	22	16,5	0.093118.X
250	395	26	350	235	12	22	24	0.093119.Z
300	445	26	400	285	12	22	30,9	0.093120.W
350	505	26	460	330	16	22	40,6	0.093121.K
400	565	26	515	380	16	26	49,4	0.093122.L
500	570	28	620	475	20	26	75	0.093123.M

FLANGE LIBERE IN PP CON ANIMA DI ACCIAIO PN 10
PP flanges with steel cored PN 10



Es. di designazione: 0.091487.Q Flangia con anima di
acciaio DN 100 - PP - PN 10 N 2.000.058

(Steel cored flange PP)

DN	D	a	k	b	n° fori	l	Bulloni Bolts	Massa Kg	CODICE
15	95	28	65	12	4	14	M12x55	0,1	0.091479.F
20	105	34	75	14	4	14	M12x60	0,2	0.091480.V
25	115	42	85	14	4	14	M12x60	0,24	0.091481.H
32	140	51	100	16	4	18	M16x70	0,56	0.091482.K
40	150	62	110	16	4	18	M16x75	0,58	0.091483.L
50	165	78	125	18	4	18	M16x80	0,76	0.091484.M
65	185	92	145	18	4	18	M16x85	0,8	0.091485.N
80	200	110	160	20	8	18	M16x90	0,8	0.091486.P
100	220	133	180	20	8	18	M16x95	1,1	0.091487.Q
125	250	167	210	25	8	18	M16x110	1,6	0.091489.S
150	285	190	240	25	8	22	M20x120	2,4	0.091490.Y
200	340	250	295	25	8	23	M20x130	2,75	0.091491.L