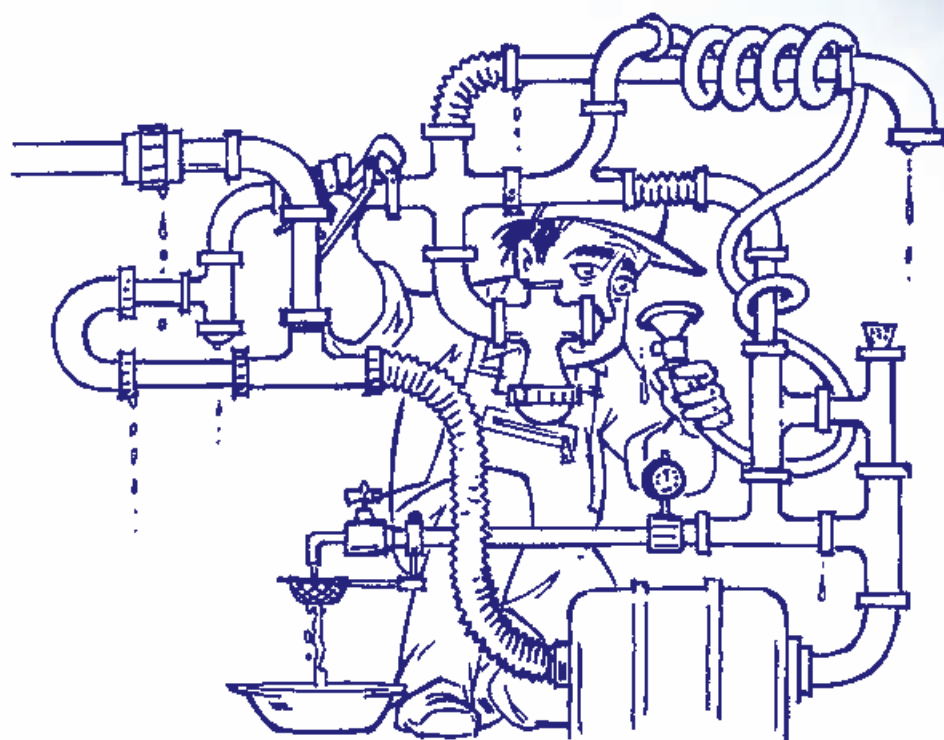
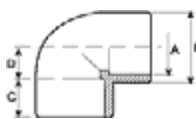


# ***PVC FITTINGS AND PIPES***



**PVC FITTINGS AND VALVES**

**ELBOW 90°**



97101016  
97101020  
97101025  
97101032  
97101040  
97101050  
97101063  
97101075  
97101090  
97101110  
97101125  
97101140  
97101160  
97101200  
97101225  
97101250  
97101315  
97101400

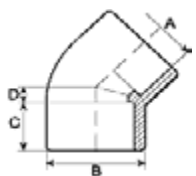
**DN 10** Ø 16 mm  
**DN 15** Ø 20 mm  
**DN 20** Ø 25 mm  
**DN 25** Ø 32 mm  
**DN 32** Ø 40 mm  
**DN 40** Ø 50 mm  
**DN 50** Ø 63 mm  
**DN 65** Ø 75 mm  
**DN 80** Ø 90 mm  
**DN 100** Ø 110 mm  
**DN 110** Ø 125 mm  
**DN 125** Ø 140 mm  
**DN 150** Ø 160 mm  
**DN 175** Ø 200 mm  
**DN 200** Ø 225 mm  
**DN 225** Ø 250 mm  
**DN 300** Ø 315 mm  
**DN 400** Ø 400 mm

Units per box: 100/ A  
Units per box: 50/ A  
Units per box: 75/B  
Units per box: 90/C  
Units per box: 100/ D  
Units per box: 100/ H  
Units per box: 60/H  
Units per box: 38/H  
Units per box: 20/H  
Units per box: 12/H  
Units per box: 8/H  
Units per box: 6/H  
Units per box: 4/H  
Units per box: 3/K  
Units per box: 2/K  
Units per box: 1/K  
Units per box: 1  
Units per box: -

**Rabat Group**

E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E

**ELBOW 45°**



97102016  
97102020  
97102025  
97102032  
97102040  
97102050  
97102063  
97102075  
97102090  
97102110  
97102125  
97102140  
97102160  
97102200  
97102225  
97102250  
97102315  
97102400

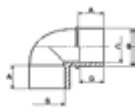
**DN 10** Ø 16 mm  
**DN 15** Ø 20 mm  
**DN 20** Ø 25 mm  
**DN 25** Ø 32 mm  
**DN 32** Ø 40 mm  
**DN 40** Ø 50 mm  
**DN 50** Ø 63 mm  
**DN 65** Ø 75 mm  
**DN 80** Ø 90 mm  
**DN 100** Ø 110 mm  
**DN 110** Ø 125 mm  
**DN 125** Ø 140 mm  
**DN 150** Ø 160 mm  
**DN 175** Ø 200 mm  
**DN 200** Ø 225 mm  
**DN 225** Ø 250 mm  
**DN 300** Ø 315 mm  
**DN 400** Ø 400 mm

Units per box: 100/ A  
Units per box: 60/ A  
Units per box: 80/B  
Units per box: 100/C  
Units per box: 120/ D  
Units per box: 120/ H  
Units per box: 60/H  
Units per box: 40/H  
Units per box: 26/H  
Units per box: 16/H  
Units per box: 8/H  
Units per box: 6/H  
Units per box: 5/H  
Units per box: 4/K  
Units per box: 2/H  
Units per box: 2/K  
Units per box: 1/K  
Units per box: -

**Rabat Group**

E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E

**ELBOW 90° F/M**



97101550  
97101563

**DN 40** Ø 50 mm  
**DN 50** Ø 63 mm

Units per box: 120/H  
Units per box: 70/H

**Rabat Group**

E  
E

**ELBOW 45° F/M**



97102550  
97102563

**DN 32** Ø 50 mm  
**DN 40** Ø 63 mm

Units per box: 120/H  
Units per box: 60/H

**Rabat Group**

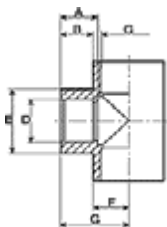
E  
E



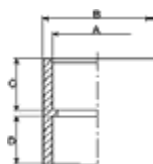
## REDUCING T 90°



					Rabat Group
97104020	<b>DN 15-10</b>	Ø 20-16 mm	Units per box: 30/ A	E	
97104025	<b>DN 20-10</b>	Ø 25-16 mm	Units per box: 45/ A	E	
97104026	<b>DN 20-15</b>	Ø 25-20 mm	Units per box: 45/B	E	
97104032	<b>DN 25-15</b>	Ø 32-20 mm	Units per box: 60/C	E	
97104033	<b>DN 25-20</b>	Ø 32-25 mm	Units per box: 60/C	E	
97104040	<b>DN 32-15</b>	Ø 40-20 mm	Units per box: 68/D	E	
97104041	<b>DN 32-20</b>	Ø 40-25 mm	Units per box: 68/D	E	
97104042	<b>DN 32-25</b>	Ø 40-32 mm	Units per box: 68/D	E	
97104050	<b>DN 40-15</b>	Ø 50-20 mm	Units per box: 76/H	E	
97104051	<b>DN 40-20</b>	Ø 50-25 mm	Units per box: 76/H	E	
97104052	<b>DN 40-25</b>	Ø 50-32 mm	Units per box: 76/H	E	
97104053	<b>DN 40-32</b>	Ø 50-40 mm	Units per box: 76/H	E	
97104061	<b>DN 50-15</b>	Ø 63-20 mm	Units per box: 45/H	E	
97104062	<b>DN 50-20</b>	Ø 63-25 mm	Units per box: 45/H	E	
97104063	<b>DN 50-25</b>	Ø 63-32 mm	Units per box: 45/H	E	
97104064	<b>DN 50-32</b>	Ø 63-40 mm	Units per box: 45/H	E	
97104065	<b>DN 50-40</b>	Ø 63-50 mm	Units per box: 45/H	E	
97104072	<b>DN 65-25</b>	Ø 75-32 mm	Units per box: 27/H	E	
97104073	<b>DN 65-32</b>	Ø 75-40 mm	Units per box: 27/H	E	
97104074	<b>DN 65-40</b>	Ø 75-50 mm	Units per box: 27/H	E	
97104075	<b>DN 65-50</b>	Ø 75-63 mm	Units per box: 27/H	E	
97104087	<b>DN 80-32</b>	Ø 90-40 mm	Units per box: 14/H	E	
97104088	<b>DN 80-40</b>	Ø 90-50 mm	Units per box: 14/H	E	
97104089	<b>DN 80-50</b>	Ø 90-63 mm	Units per box: 14/H	E	
97104090	<b>DN 80-65</b>	Ø 90-75 mm	Units per box: 14/H	E	
97104107	<b>DN 100-40</b>	Ø 110-50 mm	Units per box: 9/H	E	
97104108	<b>DN 100-50</b>	Ø 110-63 mm	Units per box: 9/H	E	
97104109	<b>DN 100-65</b>	Ø 110-75 mm	Units per box: 9/H	E	
97104110	<b>DN 100-80</b>	Ø 110-90 mm	Units per box: 9/H	E	
97104122	<b>DN 110-50</b>	Ø 125-63 mm	Units per box: 6/H	E	
97104123	<b>DN 110-65</b>	Ø 125-75 mm	Units per box: 6/H	E	
97104124	<b>DN 110-80</b>	Ø 125-90 mm	Units per box: 6/H	E	
97104125	<b>DN 110-100</b>	Ø 125-110 mm	Units per box: 6/H	E	
97104137	<b>DN 125-65</b>	Ø 140-75 mm	Units per box: 4/H	E	
97104138	<b>DN 125-80</b>	Ø 140-90 mm	Units per box: 4/H	E	
97104139	<b>DN 125-100</b>	Ø 140-110 mm	Units per box: 4/H	E	
97104140	<b>DN 125-110</b>	Ø 140-125 mm	Units per box: 4/H	E	
97104157	<b>DN 150-80</b>	Ø 160-90 mm	Units per box: 3/H	E	
97104158	<b>DN 150-100</b>	Ø 160-110 mm	Units per box: 3/H	E	
97104159	<b>DN 150-110</b>	Ø 160-125 mm	Units per box: 3/H	E	
97104160	<b>DN 150-125</b>	Ø 160-140 mm	Units per box: 3/H	E	
97104200	<b>DN 175-150</b>	Ø 200-160 mm	Units per box: 2/K	E	
97104201	<b>DN 176-160</b>	Ø 200-180 mm	Units per box: 2/K	E	
97104225	<b>DN 200-175</b>	Ø 225-200 mm	Units per box: 1/H	E	
97104250	<b>DN 225-175</b>	Ø 250-200 mm	Units per box: 1/K	E	
97104251	<b>DN 225-200</b>	Ø 250-225 mm	Units per box: 1/K	E	
97104315	<b>DN 300-200</b>	Ø 315-225 mm	Units per box: 1	E	
97104316	<b>DN 300-225</b>	Ø 315-250 mm	Units per box: 1	E	



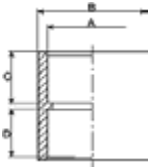
## SOCKET



					Rabat Group
97105016	<b>DN 10</b>	Ø 16 mm	Units per box: 80/ A	E	
97105020	<b>DN 15</b>	Ø 20 mm	Units per box: 60/ A	E	
97105025	<b>DN 20</b>	Ø 25 mm	Units per box: 40/A	E	
97105032	<b>DN 25</b>	Ø 32 mm	Units per box: 60/B	E	
97105040	<b>DN 32</b>	Ø 40 mm	Units per box: 84/C	E	
97105050	<b>DN 40</b>	Ø 50 mm	Units per box: 100/D	E	
97105063	<b>DN 50</b>	Ø 63 mm	Units per box: 60/D	E	
97105075	<b>DN 65</b>	Ø 75 mm	Units per box: 36/D	E	
97105090	<b>DN 80</b>	Ø 90 mm	Units per box: 18/D	E	



**SOCKET**



97105110	<b>DN 100</b>	Ø 110 mm
97105125	<b>DN 110</b>	Ø 125 mm
97105140	<b>DN 125</b>	Ø 140 mm
97105160	<b>DN 150</b>	Ø 160 mm
97105200	<b>DN 175</b>	Ø 200 mm
97105225	<b>DN 200</b>	Ø 225 mm
97105250	<b>DN 225</b>	Ø 250 mm
97105315	<b>DN 300</b>	Ø 315 mm
97105400	<b>DN 400</b>	Ø 400 mm

Units per box: 12/D	E
Units per box: 16/H	E
Units per box: 9/H	E
Units per box: 6/H	E
Units per box: 3/H	E
Units per box: 2/H	E
Units per box: 2/K	E
Units per box: 1/K	E
Units per box: -	E

**Rabat Group**

**REDUCING SOCKET**



97106020	<b>Ø 20-16 mm</b>
97106025	<b>Ø 25-16 mm</b>
97106026	<b>Ø 25-20 mm</b>
97106032	<b>Ø 32-20 mm</b>
97106033	<b>Ø 32-25 mm</b>
97106040	<b>Ø 40-20 mm</b>
97106041	<b>Ø 40-25 mm</b>
97106042	<b>Ø 40-32 mm</b>
97106050	<b>Ø 50-20 mm</b>
97106051	<b>Ø 50-25 mm</b>
97106052	<b>Ø 50-32 mm</b>
97106053	<b>Ø 50-40 mm</b>
97106063	<b>Ø 63-32 mm</b>
97106064	<b>Ø 63-40 mm</b>
97106065	<b>Ø 63-50 mm</b>
97106073	<b>Ø 75-40 mm</b>
97106074	<b>Ø 75-50 mm</b>
97106075	<b>Ø 75-63 mm</b>
97106088	<b>Ø 90-50 mm</b>
97106089	<b>Ø 90-63 mm</b>
97106090	<b>Ø 90-75 mm</b>
97106108	<b>Ø 110-63 mm</b>
97106109	<b>Ø 110-75 mm</b>
97106110	<b>Ø 110-90 mm</b>
97106123	<b>Ø 125-75 mm</b>
97106124	<b>Ø 125-90 mm</b>
97106125	<b>Ø 125-110 mm</b>
97106139	<b>Ø 140-110 mm</b>
97106140	<b>Ø 140-125 mm</b>
97106157	<b>Ø 160-90 mm</b>
97106158	<b>Ø 160-110 mm</b>
97106159	<b>Ø 160-125 mm</b>
97106160	<b>Ø 160-140 mm</b>
97106202	<b>Ø 200-110 mm</b>
97106203	<b>Ø 200-125 mm</b>
97106200	<b>Ø 200-160 mm</b>
97106201	<b>Ø 200-180 mm</b>
97106222	<b>Ø 225-160 mm</b>
97106225	<b>Ø 225-200 mm</b>
97106249	<b>Ø 250-160 mm</b>
97106250	<b>Ø 250-200 mm</b>
97106251	<b>Ø 250-225 mm</b>
97106314	<b>Ø 315-200 mm</b>
97106315	<b>Ø 315-225 mm</b>
97106316	<b>Ø 315-250 mm</b>
97106400	<b>Ø 400-315 mm</b>

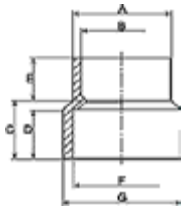
Units per box: 100/A	E
Units per box: 100/A	E
Units per box: 100/A	E
Units per box: 80/ A	E
Units per box: 80/ A	E
Units per box: 100/B	E
Units per box: 100/B	E
Units per box: 75/B	E
Units per box: 75/B	E
Units per box: 75/B	E
Units per box: 75/B	E
Units per box: 90/C	E
Units per box: 90/C	E
Units per box: 90/C	E
Units per box: 50/C	E
Units per box: 50/C	E
Units per box: 50/C	E
Units per box: 30/C	E
Units per box: 30/C	E
Units per box: 30/C	E
Units per box: 15/D	E
Units per box: 15/D	E
Units per box: 15/D	E
Units per box: 12/C	E
Units per box: 12/C	E
Units per box: 12/C	E
Units per box: 17/D	E
Units per box: 17/D	E
Units per box: 10/D	E
Units per box: 10/D	E
Units per box: 10/D	E
Units per box: 10/D	E
Units per box: 10/H	E
Units per box: 10/H	E
Units per box: 10/H	E
Units per box: 10/H	E
Units per box: 7/H	E
Units per box: 7/H	E
Units per box: 6/H	E
Units per box: 6/H	E
Units per box: 6/H	E
Units per box: 4/K	E
Units per box: 4/K	E
Units per box: 4/K	E
Units per box: -	E

**Rabat Group**

### CONICAL REDUCING - LONG



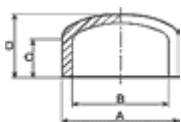
			Rabat Group
97108025	Ø 25-20x16 mm	Units per box: 100/A	E
97108032	Ø 32-25x20 mm	Units per box: 50/A	E
97108039	Ø 40-32x20 mm	Units per box: 90/B	E
97108040	Ø 40-32x25 mm	Units per box: 90/B	E
97108048	Ø 50-40x20 mm	Units per box: 100/C	E
97108049	Ø 50-40x25 mm	Units per box: 100/C	E
97108050	Ø 50-40x32 mm	Units per box: 100/C	E
97108060	Ø 63-50x20 mm	Units per box: 64/C	E
97108061	Ø 63-50x25 mm	Units per box: 64/C	E
97108062	Ø 63-50x32 mm	Units per box: 64/C	E
97108063	Ø 63-50x40 mm	Units per box: 60/C	E
97108064	Ø 63-50x50 mm	Units per box: 40/C	E
97108073	Ø 75-63x32 mm	Units per box: 84/D	E
97108074	Ø 75-63x40 mm	Units per box: 84/D	E
97108075	Ø 75-63x50 mm	Units per box: 80/D	E
97108088	Ø 90-75x40 mm	Units per box: 45/D	E
97108089	Ø 90-75x50 mm	Units per box: 45/D	E
97108090	Ø 90-75x63 mm	Units per box: 45/D	E
97108108	Ø 110-90x50 mm	Units per box: 24/D	E
97108109	Ø 110-90x63 mm	Units per box: 24/D	E
97108110	Ø 110-90x75 mm	Units per box: 20/D	E
97108123	Ø 125-110x63 mm	Units per box: 36/H	E
97108124	Ø 125-110x75 mm	Units per box: 36/H	E
97108125	Ø 125-110x90 mm	Units per box: 30/H	E
97108138	Ø 140-125x75 mm	Units per box: 22/H	E
97108139	Ø 140-125x90 mm	Units per box: 22/H	E
97108140	Ø 140-125x110 mm	Units per box: 16/H	E
97108156	Ø 160-140x63 mm	Units per box: 15/H	E
97108157	Ø 160-140x75 mm	Units per box: 15/H	E
97108158	Ø 160-140x90 mm	Units per box: 15/H	E
97108159	Ø 160-140x110 mm	Units per box: 12/H	E
97108160	Ø 160-140x125 mm	Units per box: 9/H	E
97108198	Ø 200-180x110 mm	Units per box: 6/H	E
97108199	Ø 200-180x125 mm	Units per box: 6/H	E
97108200	Ø 200-180x140 mm	Units per box: 6/H	E
97108225	Ø 225-200x125 mm	Units per box: 3/H	E
97108226	Ø 225-200x140 mm	Units per box: 3/H	E
97108227	Ø 225-200x160 mm	Units per box: 3/H	E
97108249	Ø 250-225x140 mm	Units per box: 4/K	E
97108250	Ø 250-225x160 mm	Units per box: 4/K	E
97108251	Ø 250-225x200 mm	Units per box: 4/K	E
97108315	Ø 315-280x160 mm	Units per box: 2/K	E
97108316	Ø 315-280x200 mm	Units per box: 2/K	E



### CAP



			Rabat Group
97107016	Ø 16 mm	Units per box: 100/ A	E
97107020	Ø 20 mm	Units per box: 100/ A	E
97107025	Ø 25 mm	Units per box: 75/A	E
97107032	Ø 32 mm	Units per box: 100/B	E
97107040	Ø 40 mm	Units per box: 70/B	E
97107050	Ø 50 mm	Units per box: 80/C	E
97107063	Ø 63 mm	Units per box: 50/C	E
97107075	Ø 75 mm	Units per box: 24/C	E
97107090	Ø 90 mm	Units per box: 15/C	E
97107110	Ø 110 mm	Units per box: 11/C	E
97107125	Ø 125 mm	Units per box: 12/D	E
97107140	Ø 140 mm	Units per box: 9/D	E
97107160	Ø 160 mm	Units per box: 12/H	E
97107200	Ø 200 mm	Units per box: 7/H	E
97107225	Ø 225 mm	Units per box: 6/H	E
97107250	Ø 250 mm	Units per box: 4/K	E
97107315	Ø 315 mm	Units per box: 1/R	E

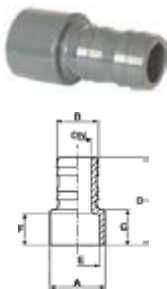


**CROSS**



						Rabat Group
97109020	<b>DN 15</b>	Ø 20 mm		Units per box: -		E
97109025	<b>DN 20</b>	Ø 25 mm		Units per box: -		E
97109032	<b>DN 25</b>	Ø 32 mm		Units per box: 90/D		E
97109040	<b>DN 32</b>	Ø 40 mm		Units per box: -		E
97109050	<b>DN 40</b>	Ø 50 mm		Units per box: 60/H		E
97109063	<b>DN 50</b>	Ø 63 mm		Units per box: 30/H		E
97109075	<b>DN 65</b>	Ø 75 mm		Units per box: -		E
97109090	<b>DN 80</b>	Ø 90 mm		Units per box: -		E
97109110	<b>DN 100</b>	Ø 110 mm		Units per box: -		E

**SPIGOT CONNECTION SOLVENT SOCKET**



						Rabat Group
97133016	<b>DN 10</b>	Ø 16-16 mm		Units per box: -		E
97133020	<b>DN 15</b>	Ø 20-18 mm		Units per box: -		E
97133021	<b>DN 15</b>	Ø 20-20 mm		Units per box: -		E
97133025	<b>DN 20</b>	Ø 25-25 mm		Units per box: -		E
97133032	<b>DN 25</b>	Ø 32-30 mm		Units per box: -		E
97133040	<b>DN 32</b>	Ø 40-40 mm		Units per box: -		E
97133050	<b>DN 40</b>	Ø 50-38 mm		Units per box: 60/C		E
97133051	<b>DN 40</b>	Ø 50-50 mm		Units per box: -		E
97133063	<b>DN 50</b>	Ø 63-60 mm		Units per box: -		E

**LONG SPIGOT SOLVENT SOCKET**



						Rabat Group
97135050	<b>DN 25</b>	Ø 38-50 mm		Units per box: 45/C		E

**FIXED FLANGE**



			NR.OF HOLE			Rabat Group
97122075	<b>DN 65</b>	Ø 75 mm	4	Units per box: 34/H		E
97122090	<b>DN 80</b>	Ø 90 mm	8	Units per box: 26/H		E
97122110	<b>DN 100</b>	Ø 110 mm	8	Units per box: 18/H		E
97122125	<b>DN 120</b>	Ø 125 mm	8	Units per box: 12/H		E
97122126*	<b>DN 125</b>	Ø 125 mm	8	Units per box: 12/H		E
97122140	<b>DN 125</b>	Ø 140 mm	8	Units per box: 10/H		E
97122160	<b>DN 150</b>	Ø 160 mm	8	Units per box: 10/K		E
97122200	<b>DN 197</b>	Ø 200 mm	8	Units per box: 6/K		E
97122225	<b>DN 200</b>	Ø 225 mm	8	Units per box: -		E
97122250	<b>DN 225</b>	Ø 250 mm	12	Units per box: 2/I		E

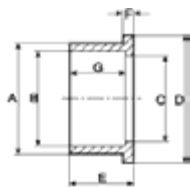
\* Fixed flange for butterfly valve

**MALE FIXED FLANGE**



			NR.OF HOLE			Rabat Group
97120020	<b>DN 15</b>	Ø 20 mm	4			E
97120025	<b>DN 20</b>	Ø 25 mm	4			E
97120032	<b>DN 25</b>	Ø 32 mm	4			E
97120040	<b>DN 32</b>	Ø 40 mm	4			E
97120050	<b>DN 40</b>	Ø 50 mm	4			E
97120063	<b>DN 50</b>	Ø 63 mm	4			E
97120075	<b>DN 65</b>	Ø 75 mm	4			E
97120090	<b>DN 80</b>	Ø 90 mm	8			E
97120110	<b>DN 100</b>	Ø 110 mm	8			E
97120125	<b>DN 110</b>	Ø 125 mm	8			E

**FLANGE ADAPTOR**



97121020  
97121025  
97121032  
97121040  
97121050  
97121063  
97121075  
97121090  
97121110  
97121125  
97121140  
97121160  
97121200  
97121225  
97121250  
97121315  
97121400  
97121500\*

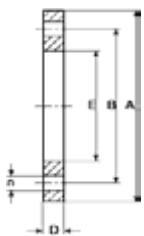
**DN 15** Ø 20 mm  
**DN 20** Ø 25 mm  
**DN 25** Ø 32 mm  
**DN 32** Ø 40 mm  
**DN 40** Ø 50 mm  
**DN 50** Ø 63 mm  
**DN 65** Ø 75 mm  
**DN 80** Ø 90 mm  
**DN 100** Ø 110 mm  
**DN 110** Ø 125 mm  
**DN 125** Ø 140 mm  
**DN 150** Ø 160 mm  
**DN 175** Ø 200 mm  
**DN 200** Ø 225 mm  
**DN 225** Ø 250 mm  
**DN 300** Ø 315 mm  
**DN 400** Ø 400 mm  
**DN 500** Ø 500 mm

Units per box: - E  
Units per box: - E  
Units per box: - E  
Units per box: 54/B E  
Units per box: 30/B E  
Units per box: 44/C E  
Units per box: 21/C E  
Units per box: 30/D E  
Units per box: 20/D E  
Units per box: 24/H E  
Units per box: 18/H E  
Units per box: 12/H E  
Units per box: 7/H E  
Units per box: 6/H E  
Units per box: 4/K E  
Units per box: 2/K E  
Units per box: - E  
Units per box: - E

**Rabat Group**

\* PN-4

**BACKING RING**



97123020  
97123025  
97123032  
97123040  
97123050  
97123063  
97123075  
97123090  
97123110  
97123125  
97123126\*  
97123140  
97123160  
97123200  
97123225  
97123250  
97123315  
97123400  
97123500

**DN 15** Ø 20 mm  
**DN 20** Ø 25 mm  
**DN 25** Ø 32 mm  
**DN 32** Ø 40 mm  
**DN 40** Ø 50 mm  
**DN 50** Ø 63 mm  
**DN 65** Ø 75 mm  
**DN 80** Ø 90 mm  
**DN 100** Ø 110 mm  
**DN 125** Ø 125 mm  
**DN 125** Ø 125 mm  
**DN 125** Ø 140 mm  
**DN 150** Ø 160 mm  
**DN 175** Ø 200 mm  
**DN 200** Ø 225 mm  
**DN 225** Ø 250 mm  
**DN 300** Ø 315 mm  
**DN 400** Ø 400 mm  
**DN 500** Ø 500 mm

**NR.OF HOLE**

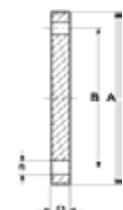
4  
4  
4  
4  
4  
4  
4  
8  
8  
8  
8  
8  
8  
8  
8  
8  
12  
12  
16  
20

Units per box: - E  
Units per box: - E  
Units per box: - E  
Units per box: 44/C E  
Units per box: 30/C E  
Units per box: 20/C E  
Units per box: 36/D E  
Units per box: 32/D E  
Units per box: 22/D E  
Units per box: 18/D E  
Units per box: 18/D E  
Units per box: 12/D E  
Units per box: 9/R E  
Units per box: 7/R E  
Units per box: 9/S E  
Units per box: 7/J E  
Units per box: - E  
Units per box: - E  
Units per box: - E

**Rabat Group**

\* Fixed flange for butterfly valve

**BLANK FLANGE**



97124020  
97124025  
97124032  
97124040  
97124050  
97124063  
97124075  
97124090  
97124110  
97124125  
97124140  
97124160  
97124200

**Ø 20 mm**  
**Ø 25 mm**  
**Ø 32 mm**  
**Ø 40 mm**  
**Ø 50 mm**  
**Ø 63 mm**  
**Ø 75 mm**  
**Ø 90 mm**  
**Ø 110 mm**  
**Ø 125 mm**  
**Ø 140 mm**  
**Ø 160 mm**  
**Ø 200 mm**

**NR.OF HOLE**

4  
4  
4  
4  
4  
4  
4  
8  
8  
8  
8  
8  
8

Units per box: - E  
Units per box: - E  
Units per box: - E  
Units per box: - E  
Units per box: 30/C E  
Units per box: 20/C E  
Units per box: 36/D E  
Units per box: 32/D E  
Units per box: 22/D E  
Units per box: 18/D E  
Units per box: 18/D E  
Units per box: 10/D E  
Units per box: 8/R E

**Rabat Group**



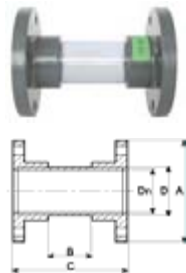
**FLANGED UNION**



97410075	<b>DN 65</b>	Ø 75 mm
97410090	<b>DN 80</b>	Ø 90 mm
97410110	<b>DN 100</b>	Ø 110 mm
97410125	<b>DN 110</b>	Ø 125 mm
97410140	<b>DN 125</b>	Ø 140 mm
97410160	<b>DN 150</b>	Ø 160 mm
97410200	<b>DN 200</b>	Ø 200 mm
97410250	<b>DN 225</b>	Ø 250 mm

		Rabat Group	
Units per box:	1	E	
Units per box:	1	E	
Units per box:	1	E	
Units per box:	1	E	
Units per box:	1	E	
Units per box:	1	E	
Units per box:	1	E	
Units per box:	1	E	

**PVC SIGHT GLASS WITH SOCKET FLANGES**



97420075	<b>DN 65</b>	Ø 75 mm
97420090	<b>DN 80</b>	Ø 90 mm
97420110	<b>DN 100</b>	Ø 110 mm
97420125*	<b>DN 110</b>	Ø 125 mm
97420140*	<b>DN 125</b>	Ø 140 mm
97420160*	<b>DN 150</b>	Ø 160 mm

		Rabat Group	
Units per box:	1	E	
Units per box:	1	E	
Units per box:	1	E	
Units per box:	1	E	
Units per box:	1	E	
Units per box:	1	E	

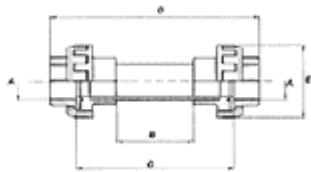
\* PN 4

**PVC SIGHT GLASS WITH UNIONS**

**SOLVENT SOCKET:**



97421016	<b>DN 10</b>	Ø 16 mm
97421020	<b>DN 15</b>	Ø 20 mm
97421025	<b>DN 20</b>	Ø 25 mm
97421032	<b>DN 25</b>	Ø 32 mm
97421040	<b>DN 32</b>	Ø 40 mm
97421050	<b>DN 40</b>	Ø 50 mm
97421063	<b>DN 50</b>	Ø 63 mm
97421075	<b>DN 65</b>	Ø 75 mm
97421090	<b>DN 80</b>	Ø 90 mm
97421110	<b>DN 100</b>	Ø 110 mm



Rabat Group

E
E
E
E
E
E
E
E
E
E
E

**FEMALE THREADED:**

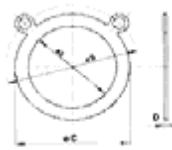


97422016	<b>DN 10</b>	3/8"
97422020	<b>DN 15</b>	1/2"
97422025	<b>DN 20</b>	3/4"
97422032	<b>DN 25</b>	1"
97422040	<b>DN 32</b>	1 1/4"
97422050	<b>DN 40</b>	1 1/2"
97422063	<b>DN 50</b>	2"
97422075	<b>DN 65</b>	2 1/2"
97422090	<b>DN 80</b>	3"
97422110	<b>DN 100</b>	4"

Rabat Group

E
E
E
E
E
E
E
E
E
E
E

**FLAT GASKET**



97127020  
97127025  
97127032  
97127040  
97127050  
97127063  
97127075  
97127090  
97127110  
97127125  
97127140  
97127160  
97127200  
97127225  
97127250  
97127315  
97127400  
97127500

**Ø 20 mm**  
**Ø 25 mm**  
**Ø 32 mm**  
**Ø 40 mm**  
**Ø 50 mm**  
**Ø 63 mm**  
**Ø 75 mm**  
**Ø 90 mm**  
**Ø 110 mm**  
**Ø 125 mm**  
**Ø 140 mm**  
**Ø 160 mm**  
**Ø 200 mm**  
**Ø 225 mm**  
**Ø 250 mm**  
**Ø 315 mm**  
**Ø 400 mm**  
**Ø 500 mm**

**Material**

EVA  
EVA  
EVA  
EVA  
EVA  
EVA  
EVA  
EVA  
EVA  
EVA  
EVA  
EVA  
EVA  
EVA  
EVA  
EPDM  
EPDM

Units per box: -  
Units per box: -  
Units per box: -  
Units per box: -  
Units per box: 60/A  
Units per box: 60/A  
Units per box: 60/B  
Units per box: 64/B  
Units per box: 48/B  
Units per box: 44/B  
Units per box: 25/B  
Units per box: 25/C  
Units per box: 25/C  
Units per box: 25/C  
Units per box: 45/J  
Units per box: 45/J  
Units per box: -  
Units per box: -

**Rabat Group**

E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E

**ELBOW 90° - MIX**



97301016  
97301020  
97301025  
97301032  
97301040  
97301050  
97301063  
97301064  
97301075  
97301090  
97301110

**DN 15**  
**DN 16**  
**DN 20**  
**DN 25**  
**DN 32**  
**DN 40**  
**DN 50**  
**DN 50**  
**DN 65**  
**DN 80**  
**DN 100**

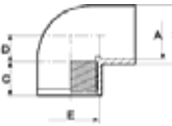
Ø 16-3,8" mm  
Ø 20-1,2" mm  
Ø 25-3/4" mm  
Ø 32-1" mm  
Ø 40-1 1/4" mm  
Ø 50-1 1/2" mm  
Ø 63-2" mm  
Ø 63-1 1/2" mm  
Ø 75-2 1/2" mm  
Ø 90-3" mm  
Ø 110-4" mm

Units per box: 100/A  
Units per box: 50/A  
Units per box: 75/B  
Units per box: 90/C  
Units per box: 100/D  
Units per box: 100/H  
Units per box: 60/H  
Units per box: 60/H  
Units per box: 38/H  
Units per box: 20/H  
Units per box: 12/H

**Rabat Group**

E  
E  
E  
E  
E  
E  
E  
E  
E  
E  
E

**ELBOW REINFORCED 90° (stain. steel ring) - MIX**



97301620  
97301625  
97301632  
97301640  
97301650  
97301663

**DN 15**  
**DN 20**  
**DN 25**  
**DN 32**  
**DN 40**  
**DN 50**

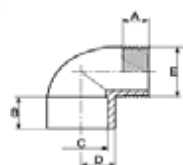
Ø 20-1/2" mm  
Ø 25-3/4" mm  
Ø 32-1" mm  
Ø 40-1 1/4" mm  
Ø 50-1 1/2" mm  
Ø 63-2" mm

Units per box: 50/A  
Units per box: 75/B  
Units per box: 90/C  
Units per box: 100/D  
Units per box: 100/H  
Units per box: 60/H

**Rabat Group**

E  
E  
E  
E  
E  
E

**ELBOW 90° F/M**



97301532  
97301550  
97301563

**DN 25**  
**DN 40**  
**DN 50**

Ø 32-1 1/4" mm  
Ø 50-1 1/2" mm  
Ø 63-2" mm

Units per box: 90/C  
Units per box: 120/H  
Units per box: 70/H

**Rabat Group**

E  
E  
E

**ELBOW 45° - MIX**



97302016	<b>DN 15</b>	Ø 16-3/8" mm	Units per box: 100/A	E
97302020	<b>DN 16</b>	Ø 20-1,2" mm	Units per box: 60/A	E
97302025	<b>DN 20</b>	Ø 25-3/4" mm	Units per box: 80/B	E
97302032	<b>DN 25</b>	Ø 32-1" mm	Units per box: 100/C	E
97302040	<b>DN 32</b>	Ø 40-1 1/4" mm	Units per box: 120/D	E
97302050	<b>DN 40</b>	Ø 50-1 1/2" mm	Units per box: 120/H	E
97302063	<b>DN 50</b>	Ø 63-2" mm	Units per box: 60/H	E
97302075	<b>DN 65</b>	Ø 75-2 1/2" mm	Units per box: 40/H	E
97302090	<b>DN 80</b>	Ø 90-3" mm	Units per box: 26/H	E
97302110	<b>DN 100</b>	Ø 110-4" mm	Units per box: 16/H	E

**Rabat Group**

**ELBOW REINFORCED 45° (stain. steel ring) - MIX**



97302620	<b>DN 15</b>	Ø 20-1/2" mm	Units per box: 60/A	E
97302625	<b>DN 20</b>	Ø 25-3/4" mm	Units per box: 80/B	E
97302632	<b>DN 25</b>	Ø 32-1" mm	Units per box: 100/C	E
97302640	<b>DN 32</b>	Ø 40-1 1/4" mm	Units per box: 120/D	E
97302650	<b>DN 40</b>	Ø 50-1 1/2" mm	Units per box: 120/H	E
97302663	<b>DN 50</b>	Ø 63-2" mm	Units per box: 60/H	E

**Rabat Group**

**ELBOW 45° - F/M**



97302550	<b>DN 40</b>	Ø 50-1 1/2" mm	Units per box: 120/H	E
97302563	<b>DN 50</b>	Ø 63-2" mm	Units per box: 60/H	E

**Rabat Group**

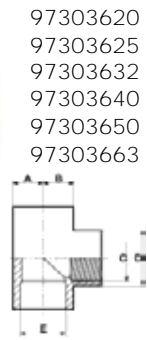
**T 90° - MIX**



97303016	<b>DN 15</b>	Ø 16-3/8" mm	Units per box: 60/A	E
97303020	<b>DN 16</b>	Ø 20-1/2" mm	Units per box: 30/A	E
97303025	<b>DN 20</b>	Ø 25-3/4" mm	Units per box: 45/B	E
97303032	<b>DN 25</b>	Ø 32-1" mm	Units per box: 60/C	E
97303040	<b>DN 32</b>	Ø 40-1 1/4" mm	Units per box: 68/D	E
97303050	<b>DN 40</b>	Ø 50-1 1/2" mm	Units per box: 76/H	E
97303063	<b>DN 50</b>	Ø 63-2" mm	Units per box: 45/H	E
97303075	<b>DN 65</b>	Ø 75-2 1/2" mm	Units per box: 27/H	E
97303090	<b>DN 80</b>	Ø 90-3" mm	Units per box: 14/H	E
97303110	<b>DN 100</b>	Ø 110-4" mm	Units per box: 9/H	E

**Rabat Group**

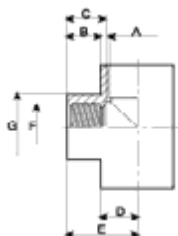
**T 90° REINFORCED (stain. steel ring) - MIX**



97303620	<b>DN 15</b>	Ø 20-1/2" mm	Units per box: 30/A	E	
97303625	<b>DN 20</b>	Ø 25-3/4" mm	Units per box: 45/B	E	
97303632	<b>DN 25</b>	Ø 32-1" mm	Units per box: 60/C	E	
97303640	<b>DN 32</b>	Ø 40-1 1/4" mm	Units per box: 68/D	E	
97303650	<b>DN 40</b>	Ø 50-1 1/2" mm	Units per box: 76/H	E	
97303663	<b>DN 50</b>	Ø 63-2" mm	Units per box: 45/H	E	

**Rabat Group**

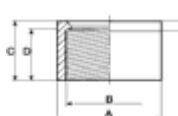
**REDUCING T 90° - MIX**



97304020	<b>DN 15-10</b>	Ø 20-3/8" mm	Units per box: 30/A	E	
97304025	<b>DN 20-10</b>	Ø 25-3/8" mm	Units per box: 45/B	E	
97304026	<b>DN 20-15</b>	Ø 25-1/2" mm	Units per box: 45/B	E	
97304032	<b>DN 25-15</b>	Ø 32-1/2" mm	Units per box: 60/C	E	
97304033	<b>DN 25-20</b>	Ø 32-3/4" mm	Units per box: 60/C	E	
97304040	<b>DN 32-15</b>	Ø 40-1/2" mm	Units per box: 68/D	E	
97304041	<b>DN 32-20</b>	Ø 40-3/4" mm	Units per box: 68/D	E	
97304042	<b>DN 32-25</b>	Ø 40-1" mm	Units per box: 68/D	E	
97304050	<b>DN 40-15</b>	Ø 50-1/2" mm	Units per box: 76/H	E	
97304051	<b>DN 40-20</b>	Ø 50-3/4" mm	Units per box: 76/H	E	
97304052	<b>DN 40-25</b>	Ø 50-1" mm	Units per box: 76/H	E	
97304053	<b>DN 40-32</b>	Ø 50-1 1/4" mm	Units per box: 76/H	E	
97304061	<b>DN 50-15</b>	Ø 63-1 1/2" mm	Units per box: -	E	
97304062	<b>DN 50-20</b>	Ø 63-3/4" mm	Units per box: -	E	
97304063	<b>DN 50-25</b>	Ø 63-1" mm	Units per box: 45/H	E	
97304064	<b>DN 50-32</b>	Ø 63-1 1/4" mm	Units per box: 45/H	E	
97304065	<b>DN 50-40</b>	Ø 63-1 1/2" mm	Units per box: 45/H	E	
97304072	<b>DN 65-25</b>	Ø 75-1" mm	Units per box: -	E	
97304073	<b>DN 65-32</b>	Ø 75-1 1/4" mm	Units per box: -	E	
97304074	<b>DN 65-40</b>	Ø 75-1 1/2" mm	Units per box: -	E	
97304075	<b>DN 65-50</b>	Ø 75-2" mm	Units per box: 27/H	E	
97304087	<b>DN 80-32</b>	Ø 90-1 1/4" mm	Units per box: -	E	
97304088	<b>DN 80-40</b>	Ø 90-1 1/2" mm	Units per box: -	E	
97304089	<b>DN 80-50</b>	Ø 90-2" mm	Units per box: -	E	
97304090	<b>DN 80-65</b>	Ø 90-2 1/2" mm	Units per box: 14/H	E	

**Rabat Group**

**REDUCED THREADED**

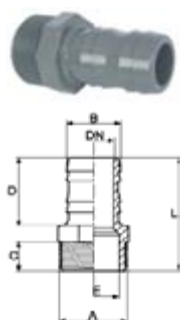


97306020	<b>DN 10</b>	Ø 20-3/8" mm	Units per box: 100/A	E	
97306025	<b>DN 10</b>	Ø 25-3/8" mm	Units per box: 100/A	E	
97306026	<b>DN 15</b>	Ø 25-1/2" mm	Units per box: 100/A	E	
97306032	<b>DN 20</b>	Ø 32-3/4" mm	Units per box: 80/A	E	
97306040	<b>DN 25</b>	Ø 40-1" mm	Units per box: 100/B	E	
97306050	<b>DN 32</b>	Ø 50-1 1/4" mm	Units per box: 75/B	E	
97306063	<b>DN 40</b>	Ø 63-1 1/2" mm	Units per box: 90/C	E	
97306075	<b>DN 50</b>	Ø 75-2" mm	Units per box: 50/C	E	
97306090	<b>DN 65</b>	Ø 90-2 1/2" mm	Units per box: 30/C	E	
97306110	<b>DN 80</b>	Ø 100-3" mm	Units per box: 15/C	E	

**Rabat Group**



### SPIGOT CONNECTION BSP MALE THREAD



					Rabat Group
97134016	<b>DN 10</b>	Ø 16-3/8" mm	Units per box: -	E	
97134020	<b>DN 15</b>	Ø 18-1/2" mm	Units per box: -	E	
97134021	<b>DN 15</b>	Ø 20-1/2" mm	Units per box: -	E	
97134025	<b>DN 20</b>	Ø 20-3/4" mm	Units per box: -	E	
97134026	<b>DN 20</b>	Ø 25-3/4" mm	Units per box: -	E	
97134032	<b>DN 25</b>	Ø 25-1" mm	Units per box: -	E	
97134033	<b>DN 25</b>	Ø 30-1" mm	Units per box: -	E	
97134040	<b>DN 32</b>	Ø 40-1 1/4" mm	Units per box: -	E	
97134050	<b>DN 40</b>	Ø 38-1 1/2" mm	Units per box: 60/C	E	
97134051	<b>DN 40</b>	Ø 40-1 1/2" mm	Units per box: -	E	
97134052	<b>DN 40</b>	Ø 50-1 1/2" mm	Units per box: -	E	
97134063	<b>DN 50</b>	Ø 60-2" mm	Units per box: -	E	

### LONG SPIGOT CONNECT. BSP MALE THREAD



				Rabat Group
97136050	<b>DN 25</b>	Ø 38-1 1/2" mm	Units per box: 45/C	E

### ADAPTOR SOCKET



				Rabat Group
97305016	<b>DN 10</b>	Ø 16-3/8" mm	Units per box: 40/A	E
97305020	<b>DN 15</b>	Ø 20-1/2" mm	Units per box: 40/A	E
97305025	<b>DN 20</b>	Ø 25-3/4" mm	Units per box: 90/B	E
97305032	<b>DN 25</b>	Ø 32-1" mm	Units per box: 64/B	E
97305033	<b>DN 20</b>	Ø 32-3/4" mm	Units per box: 64/B	E
97305040	<b>DN 32</b>	Ø 40-1 1/4" mm	Units per box: 70/C	E
97305050	<b>DN 40</b>	Ø 50-1 1/2" mm	Units per box: 96/D	E
97305063	<b>DN 50</b>	Ø 63-2" mm	Units per box: 45/D	E
97305075	<b>DN 65</b>	Ø 75-2 1/2" mm	Units per box: 36/D	E
97305090	<b>DN 80</b>	Ø 90-3" mm	Units per box: 16/D	E
97305110	<b>DN 100</b>	Ø 110-4" mm	Units per box: 12/D	E

### ADAPTOR SOCKET REINFORCED (STAINLESS STEEL RING)



				Rabat Group
97305620	<b>DN 15</b>	Ø 20-1/2" mm	Units per box: 40/A	E
97305625	<b>DN 20</b>	Ø 25-3/4" mm	Units per box: 90/B	E
97305632	<b>DN 25</b>	Ø 32-1" mm	Units per box: 64/B	E
97305640	<b>DN 32</b>	Ø 40-1 1/4" mm	Units per box: 70/C	E
97305650	<b>DN 40</b>	Ø 50-1 1/2" mm	Units per box: 96/D	E
97305663	<b>DN 50</b>	Ø 63-2" mm	Units per box: 45/D	E

### ADAPTOR NIPPLE



				Rabat Group
97307016	<b>DN 10</b>	Ø 16/20-1/2" mm	Units per box: 80/A	E
97307020	<b>DN 15</b>	Ø 20/25-3/4" mm	Units per box: 50/A	E
97307025	<b>DN 20</b>	Ø 25/32-1" mm	Units per box: 90/B	E
97307032	<b>DN 25</b>	Ø 32/40-1 1/4" mm	Units per box: 96/C	E
97307040	<b>DN 32</b>	Ø 40/50-1 1/2" mm	Units per box: 130/D	E
97307050	<b>DN 40</b>	Ø 50/63-2" mm	Units per box: 72/D	E
97307063	<b>DN 50</b>	Ø 63/75-2 1/2" mm	Units per box: 45/D	E
97307075	<b>DN 65</b>	Ø 75/90-3" mm	Units per box: 45/H	E

**ADAPTOR BUSHES**



97308016	<b>DN 10</b>	Ø 16/20-3/8" mm	Units per box: 100/A	E
97308020	<b>DN 15</b>	Ø 20/25-1/2" mm	Units per box: 70/A	E
97308025	<b>DN 20</b>	Ø 25/32-3/4" mm	Units per box: 40/A	E
97308032	<b>DN 25</b>	Ø 32/40-1" mm	Units per box: 60/B	E
97308040	<b>DN 32</b>	Ø 40/50-1¼" mm	Units per box: 70/C	E
97308050	<b>DN 40</b>	Ø 50/63-1½" mm	Units per box: 60/C	E
97308063	<b>DN 50</b>	Ø 63/75-2" mm	Units per box: 72/D	E
97308066	<b>DN 50*</b>	Ø 63/75-2" mm	Units per box: 72/D	E
97308075	<b>DN 65</b>	Ø 75/90-2½" mm	Units per box: 80/H	E
97308090	<b>DN 80</b>	Ø 90/110-3" mm	Units per box: 45/H	E
97308110	<b>DN 100</b>	Ø 110/125-4" mm	Units per box: 24/H	E

\* long thread

**Rabat Group**

**ADAPTOR BUSHES WITH EXTERIOR O-RING**



97308052	<b>DN 40</b>	Ø 50/63-1½" mm	Units per box: 60/C	E
97308065	<b>DN 50</b>	Ø 63/75-2" mm	Units per box: 72/D	E
97308067	<b>DN 50*</b>	Ø 63/75-2" mm	Units per box: 72/D	E

\* short thread

**Rabat Group**

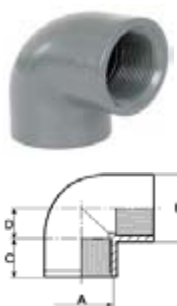
**ADAPTOR NIPPLE WITH EXTERIOR O-RING**



97307042	<b>DN 40</b>	Ø 50/40-1½" mm	Units per box: 100/D	E
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**Rabat Group**

**ELBOW 90° - THREADED**



97201016	<b>DN 10</b>	3/8"	Units per box: 100/A	E
97201020	<b>DN 15</b>	1/2"	Units per box: 50/A	E
97201025	<b>DN 20</b>	3/4"	Units per box: 75/B	E
97201032	<b>DN 25</b>	1"	Units per box: 90/C	E
97201040	<b>DN 32</b>	1 1/4"	Units per box: 100/D	E
97201050	<b>DN 40</b>	1 1/2"	Units per box: 100/H	E
97201063	<b>DN 50</b>	2"	Units per box: 60/H	E
97201075	<b>DN 65</b>	2 1/2"	Units per box: 38/H	E
97201090	<b>DN 80</b>	3"	Units per box: 20/H	E
97201110	<b>DN 100</b>	4"	Units per box: 12/H	E

**Rabat Group**

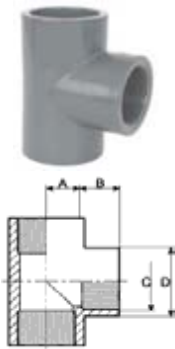
**ELBOW 45° - THREADED**



97202016	<b>DN 10</b>	3/8"	Units per box: 100/A	E
97202020	<b>DN 15</b>	1/2"	Units per box: 60/A	E
97202025	<b>DN 20</b>	3/4"	Units per box: 80/B	E
97202032	<b>DN 25</b>	1"	Units per box: 100/C	E
97202040	<b>DN 32</b>	1 1/4"	Units per box: 120/D	E
97202050	<b>DN 40</b>	1 1/2"	Units per box: 120/H	E
97202063	<b>DN 50</b>	2"	Units per box: 60/H	E
97202075	<b>DN 65</b>	2 1/2"	Units per box: 40/H	E
97202090	<b>DN 80</b>	3"	Units per box: 26/H	E
97202110	<b>DN 100</b>	4"	Units per box: 16/H	E

**Rabat Group**

**T 90° - THREADED**



					Rabat Group
97203016	<b>DN 10</b>	3/8"	Units per box: 60/A	E	
97203020	<b>DN 15</b>	1/2"	Units per box: 30/A	E	
97203025	<b>DN 20</b>	3/4"	Units per box: 45/B	E	
97203032	<b>DN 25</b>	1"	Units per box: 60/C	E	
97203040	<b>DN 32</b>	1 1/4"	Units per box: 68/D	E	
97203050	<b>DN 40</b>	1 1/2"	Units per box: 76/H	E	
97203063	<b>DN 50</b>	2"	Units per box: 45/H	E	
97203075	<b>DN 65</b>	2 1/2"	Units per box: 27/H	E	
97203090	<b>DN 80</b>	3"	Units per box: 14/H	E	
97203110	<b>DN 100</b>	4"	Units per box: 9/H	E	

**ADAPTADOR SOCKET - THREADED**



					Rabat Group
97205016	<b>DN 10</b>	3/8"	Units per box: 40/A	E	
97205020	<b>DN 15</b>	1/2"	Units per box: 40/A	E	
97205025	<b>DN 20</b>	3/4"	Units per box: 90/B	E	
97205032	<b>DN 25</b>	1"	Units per box: 64/B	E	
97205040	<b>DN 32</b>	1 1/4"	Units per box: 70/C	E	
97205050	<b>DN 40</b>	1 1/2"	Units per box: 96/D	E	
97205063	<b>DN 50</b>	2"	Units per box: 45/D	E	
97205075	<b>DN 65</b>	2 1/2"	Units per box: 36/D	E	
97205090	<b>DN 80</b>	3"	Units per box: 16/D	E	
97205110	<b>DN 100</b>	4"	Units per box: 12/D	E	

**CAP THREADED**



					Rabat Group
97206016	<b>DN 10</b>	3/8"	Units per box: 100/ A	E	
97206020	<b>DN 15</b>	1/2"	Units per box: 100/ A	E	
97206025	<b>DN 20</b>	3/4"	Units per box: 60/A	E	
97206032	<b>DN 25</b>	1"	Units per box: 80/B	E	
97206040	<b>DN 32</b>	1 1/4"	Units per box: 70/B	E	
97206050	<b>DN 40</b>	1 1/2"	Units per box: 45/B	E	
97206063	<b>DN 50</b>	2"	Units per box: 22/C	E	
97206075	<b>DN 65</b>	2 1/2"	Units per box: 16/C	E	
97206090	<b>DN 80</b>	3"	Units per box: -	E	
97206110	<b>DN 100</b>	4"	Units per box: -	E	

**PLUG THREADED**



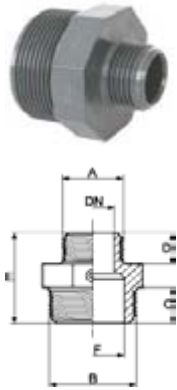
					Rabat Group
97207016	<b>DN 10</b>	3/8"	Units per box: 100/ A	E	
97207020	<b>DN 15</b>	1/2"	Units per box: 100/ A	E	
97207025	<b>DN 20</b>	3/4"	Units per box: 75/A	E	
97207032	<b>DN 25</b>	1"	Units per box: 100/B	E	
97207040	<b>DN 32</b>	1 1/4"	Units per box: 92/B	E	
97207050	<b>DN 40</b>	1 1/2"	Units per box: 125/C	E	
97207063	<b>DN 50</b>	2"	Units per box: 75/C	E	
97207075	<b>DN 65</b>	2 1/2"	Units per box: 75/D	E	
97207090	<b>DN 80</b>	3"	Units per box: 24/C	E	
97207110	<b>DN 100</b>	4"	Units per box: 12/C	E	

**HEXAGON NIPPLES**



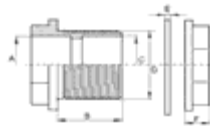
					Rabat Group
97204016	<b>DN 10</b>	3/8"	Units per box: 80/A	E	
97204020	<b>DN 15</b>	1/2"	Units per box: 80/A	E	
97204025	<b>DN 20</b>	3/4"	Units per box: 50/A	E	
97204032	<b>DN 25</b>	1"	Units per box: 75/B	E	
97204040	<b>DN 32</b>	1 1/4"	Units per box: 40/B	E	
97204050	<b>DN 40</b>	1 1/2"	Units per box: 70/C	E	
97204063	<b>DN 50</b>	2"	Units per box: 96/D	E	

**REDUCING NIPPLES MALE THREAD**



Part No.	DN	Size	Units per box	Rabat Group
97208020	DN 10	1/2"-3/8"	Units per box: 80/A	E
97208025	DN 10	3/4"-3/8"	Units per box: 60/A	E
97208026	DN 15	3/4"-1/2"	Units per box: 50/A	E
97208032	DN 10	1"-3/8"	Units per box: 110/B	E
97208033	DN 15	1"-1/2"	Units per box: 100/B	E
97208034	DN 20	1"-3/4"	Units per box: 90/B	E
97208040	DN 15	1 1/4"-1/2"	Units per box: 50/B	E
97208041	DN 20	1 1/4"-3/4"	Units per box: 50/B	E
97208042	DN 25	1 1/4"-1"	Units per box: 45/B	E
97208050	DN 20	1 1/2"-3/4"	Units per box: 105/C	E
97208051	DN 25	1 1/2"-1"	Units per box: 105/C	E
97208052	DN 32	1 1/2"-1 1/4"	Units per box: 70/C	E
97208063	DN 25	2"-1"	Units per box: 72/C	E
97208064	DN 32	2"-1 1/4"	Units per box: 72/C	E
97208065	DN 40	2"-1 1/2"	Units per box: 48/C	E

**TABLE DUCT**



Part No.	Size	Units per box	Rabat Group
97209025	Ø 25-1" mm	Units per box: 75/C	E
97209050	Ø 50-2" mm	Units per box: 50/C	E
97209063	Ø 63-2 1/2" mm	Units per box: 72/H	E

**LONG REDUCING NIPPLES MALE/FEMALE**



Part No.	DN	Size	Units per box	Rabat Group
97211016	DN 10	3/8"-3/8" mm	Units per box: -	E
97211017	DN 10	3/8"-1/2" mm	Units per box: -	E
97211020	DN 10	1/2"-3/8" mm	Units per box: -	E
97211021	DN 15	1/2"-1/2" mm	Units per box: -	E
97211022	DN 15	1/2"-3/4" mm	Units per box: -	E
97211025	DN 10	3/4"-3/8" mm	Units per box: -	E
97211026	DN 15	3/4"-1/2" mm	Units per box: -	E
97211027	DN 20	3/4"-3/4" mm	Units per box: -	E
97211028	DN 20	3/4"-1" mm	Units per box: -	E
97211032	DN 10	1"-3/8" mm	Units per box: -	E
97211033	DN 15	1"-1/2" mm	Units per box: -	E
97211034	DN 20	1"-3/4" mm	Units per box: -	E
97211035	DN 25	1"-1" mm	Units per box: -	E
97211036	DN 25	1"-1 1/4" mm	Units per box: -	E
97211040	DN 15	1 1/4"-1/2" mm	Units per box: -	E
97211041	DN 20	1 1/4"-3/4" mm	Units per box: -	E
97211042	DN 25	1 1/4"-1" mm	Units per box: -	E
97211043	DN 32	1 1/4"-1 1/4" mm	Units per box: -	E
97211044	DN 32	1 1/4"-1 1/4" mm	Units per box: -	E
97211050	DN 20	1 1/2"-3/4" mm	Units per box: -	E
97211051	DN 25	1 1/2"-1" mm	Units per box: -	E
97211052	DN 32	1 1/2"-1 1/4" mm	Units per box: -	E
97211053	DN 40	1 1/2"-1 1/2" mm	Units per box: -	E
97211054	DN 40	1 1/2"-2" mm	Units per box: -	E
97211063	DN 25	2"-1" mm	Units per box: -	E
97211064	DN 32	2"-1 1/4" mm	Units per box: -	E
97211065	DN 40	2"-1 1/2" mm	Units per box: -	E
97211066	DN 50	2"-2" mm	Units per box: -	E
97211067	DN 50	2"-2 1/2" mm	Units per box: -	E
97211075	DN 32	2 1/2"-1 1/4" mm	Units per box: -	E
97211076	DN 40	2 1/2"-1 1/2" mm	Units per box: -	E
97211077	DN 50	2 1/2"-2" mm	Units per box: -	E



**LONG REDUCING NIPPLES MALE/FEMALE**

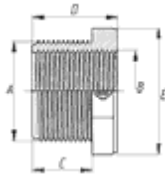
**Rabat Group**



97211078	<b>DN 65</b>	2 1/2"-2 1/2" mm	Units per box: -	E
97211079	<b>DN 65</b>	2 1/2"-3" mm	Units per box: -	E
97211090	<b>DN 40</b>	3"-1 1/2" mm	Units per box: -	E
97211091	<b>DN 50</b>	3"-2" mm	Units per box: -	E
97211092	<b>DN 65</b>	3"-2 1/2" mm	Units per box: -	E
97211093	<b>DN 80</b>	3"-3" mm	Units per box: -	E
97211094	<b>DN 80</b>	3"-4" mm	Units per box: -	E
97211110	<b>DN 50</b>	4"-2" mm	Units per box: -	E
97211111	<b>DN 65</b>	4"-2 1/2" mm	Units per box: -	E
97211112	<b>DN 80</b>	4"-3" mm	Units per box: -	E
97211113	<b>DN 100</b>	4"-4" mm	Units per box: -	E

**SHORT REDUCING NIPPLES MALE/FEMALE**

**Rabat Group**



97212020	<b>1/2" - 1/4"</b>	Units per box: -	E
97212025	<b>3/4" - 1/8"</b>	Units per box: -	E
97212026	<b>3/4" - 1/4"</b>	Units per box: -	E
97212027	<b>3/4" - 1/2"</b>	Units per box: -	E
97212032	<b>1" - 1/4"</b>	Units per box: -	E
97212033	<b>1" - 3/4"</b>	Units per box: -	E
97212040	<b>1 1/4" - 1"</b>	Units per box: -	E
97212050	<b>1 1/2" - 1 1/4"</b>	Units per box: -	E
97212063	<b>2" - 1 1/2"</b>	Units per box: -	E
97212075	<b>2 1/2" - 2"</b>	Units per box: -	E
97212090	<b>3" - 1/2"</b>	Units per box: -	E
9712110	<b>4" - 3"</b>	Units per box: -	E

**PIPE CLIPS**

**Rabat Group**



**OPEN PIPE CLIPS:**

97128020	<b>Ø 20 mm</b>	Units per box: 500/C	E
97128025	<b>Ø 25 mm</b>	Units per box: 400/C	E
97128032	<b>Ø 32 mm</b>	Units per box: 250/C	E
97128040	<b>Ø 40 mm</b>	Units per box: 150/C	E
97128050	<b>Ø 50 mm</b>	Units per box: 160/C	E
97128063	<b>Ø 63 mm</b>	Units per box: 100/C	E
97128075	<b>Ø 75 mm</b>	Units per box: 60/C	E
97128090	<b>Ø 90 mm</b>	Units per box: 40/C	E
97128110	<b>Ø 110 mm</b>	Units per box: 24/C	E
97128125	<b>Ø 125 mm</b>	Units per box: 16/C	E
97128140	<b>Ø 140 mm</b>	Units per box: -	E
97128160	<b>Ø 160 mm</b>	Units per box: 12/C	E
97128200	<b>Ø 200 mm</b>	Units per box: -	E



**BRIDLE CLAMP:**

97129050	<b>Ø 50 mm</b>	Units per box: 160/B	E
97129063	<b>Ø 63 mm</b>	Units per box: 100/A	E
97129075	<b>Ø 75 mm</b>	Units per box: 60/B	E
97129090	<b>Ø 90 mm</b>	Units per box: 40/A	E
97129110	<b>Ø 110 mm</b>	Units per box: 24/A	E
97129125	<b>Ø 125 mm</b>	Units per box: 16/A	E
97129140	<b>Ø 140 mm</b>	Units per box: -	E
97129160	<b>Ø 160 mm</b>	Units per box: 12/A	E
97129200	<b>Ø 200 mm</b>	Units per box: -	E

**FEMALE SOCKET (EPDM O-rings)**



Part No.	DN	Ø	Units per box:	Rabat Group
97401016	DN 10	Ø 16 mm	100/ P	E
97401020	DN 15	Ø 20 mm	100/ P	E
97401025	DN 20	Ø 25 mm	100/Q	E
97401032	DN 25	Ø 32 mm	100/R	E
97401040	DN 32	Ø 40 mm	100/S	E
97401050	DN 40	Ø 50 mm	72/H	E
97401063	DN 50	Ø 63 mm	60/T	E
97401075	DN 65	Ø 75 mm	12/U	E
97401090	DN 80	Ø 90 mm	12/U	E
97401110	DN 100	Ø 110 mm	12/I	E

**FEMALE SOCKET - NEW MODEL**



Part No.	DN	Ø	Units per box:	Rabat Group
97414016	DN 10	Ø 16 mm	100/ B	E
97414020	DN 15	Ø 20 mm	100/ P	E
97414025	DN 20	Ø 25 mm	100/C	E
97414032	DN 25	Ø 32 mm	100/Q	E
97414040	DN 32	Ø 40 mm	100/U	E
97414050	DN 40	Ø 50 mm	100/H	E
97414063	DN 50	Ø 63 mm	72/T	E
97414075	DN 65	Ø 75 mm	16/R	E
97414090	DN 80	Ø 90 mm	18/S	E

**FEMALE SOCKET - MIX**



Part No.	DN	Ø	Units per box:	Rabat Group
97403016	DN 10	Ø 16-3/8" mm	100/ P	E
97403020	DN 15	Ø 20-1/2" mm	100/ P	E
97403025	DN 20	Ø 25-3/4" mm	100/Q	E
97403032	DN 25	Ø 32-1" mm	100/R	E
97403040	DN 32	Ø 40-1 1/4" mm	100/S	E
97403050	DN 40	Ø 50-1 1/2" mm	72/H	E
97403063	DN 50	Ø 63-2" mm	60/T	E
97403075	DN 65	Ø 75-2 1/2" mm	12/U	E
97403090	DN 80	Ø 90-3" mm	12/U	E
97403110	DN 100	Ø 110-4" mm	12/I	E

**FEMALE SOCKET - THREADED**



Part No.	DN	Size	Units per box:	Rabat Group
97402016	DN 10	3/8"	100/ P	E
97402020	DN 15	1/2"	100/ P	E
97402025	DN 20	3/4"	100/Q	E
97402032	DN 25	1"	100/R	E
97402040	DN 32	1 1/4"	100/S	E
97402050	DN 40	1 1/2"	72/H	E
97402063	DN 50	2"	60/T	E
97402075	DN 65	2 1/2"	12/U	E
97402090	DN 80	3"	12/U	E
97402110	DN 100	4"	12/I	E

**FEMALE SOCKET AND MALE THREADED**



Part No.	DN	Ø	Units per box:	Rabat Group
97406050	DN 40	Ø 50-1 1/2" mm	72/H	E
97406063	DN 50	Ø 63-2" mm	60/T	E

### FEMALE SOCKET / MALE THREADED



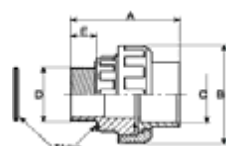
Product Code	DN	Ø	Units per box	Rabat Group
97404020	DN 15	Ø 20-1/2" mm	Units per box: 25/A	E
97404025	DN 20	Ø 25-3/4" mm	Units per box: 30/B	E
97404032	DN 25	Ø 32-1" mm	Units per box: 50/C	E
97404040	DN 32	Ø 40-1 1/4" mm	Units per box: 36/C	E
97404050	DN 40	Ø 50-1 1/2" mm	Units per box: 75/S	E
97404063	DN 50	Ø 63-2" mm	Units per box: 50/H	E
97404075	DN 65	Ø 75-2 1/2" mm	Units per box: 12/R	E
97404090	DN 80	Ø 90-3" mm	Units per box: 18/S	E

### FEMALE SOCKET AND MALE THREADED



Product Code	DN	Ø	Units per box	Rabat Group
97407050	DN 32	Ø 40-1 1/2" mm	Units per box: 45/D	E
97407063	DN 40	Ø 50-2" mm	Units per box: 60/H	E

### FEMALE SOCKET AND MALE THREADED - MIX WITH EXTERNAL O-RING



Product Code	DN	Ø	Units per box	Rabat Group
97405050	DN 40	Ø 50 - 1 1/2" mm	Units per box: 50/D	E
97405063	DN 50	Ø 63 - 2" mm	Units per box: 72/H	E

### PVC HOSES



Product Code	Ø	Lenght (m)	Working press.	Rabat Group
97603015	Ø 16 mm	25	7 bar	E
97603020	Ø 20 mm	25	7 bar	E
97603025	Ø 25 mm	25	7 bar	E
97603032	Ø 32 mm	25	5 bar	E
97603040	Ø 40 mm	25	5 bar	E
97603050	Ø 50 mm	25	5 bar	E
97603063	Ø 63 mm	25	5 bar	E
97603075	Ø 75 mm	25	4 bar	E
97603090	Ø 90 mm	25	4 bar	E
97603110	Ø 110 mm	25	3 bar	E
97603125	Ø 125 mm	25	3 bar	E

### SOLVENT CEMENT



Product Code	Weight	Unit	Units per box	Rabat Group
97611000	1000 g	can	Units per box: 12	E
97611500	500 g	can	Units per box: 24	E
97611250	250 g	can	Units per box: 36	E
97611125	125 g	tube	Units per box: 96	E
97611001	Pinsel 500 g			E
97611002	Pinsel 1000 g			E

### CLEANER



Product Code	Weight	Units per box	Rabat Group
97621000	Can 1000 g	Units per box: 12	E
97620500	Can 500 g	Units per box: 24	E

**P.T.F.E. THREAD - WRAP TAPE**


					Rabat Group
97630075	<b>12 mm - width</b>	12 m	Units per box: 200	E	
97630150	<b>19 mm - width</b>	50 m	Units per box: 25	E	

**CLAMP SADDLE**


	Ø mm	Nr. of screws		Rabat Group
97601020	<b>20 - 1/2"</b>	2	Units per box: 180	E
97601025	<b>25 - 1/2"</b>	2	Units per box: 180	E
97601026	<b>25 - 3/4"</b>	2	Units per box: 180	E
97601032	<b>32 - 1/2"</b>	2	Units per box: 180	E
97601033	<b>32 - 3/4"</b>	2	Units per box: 180	E
97601034	<b>32-1"</b>	2	Units per box: 180	E
97601040	<b>40 - 1/2"</b>	2	Units per box: 150	E
97601041	<b>40 - 3/4"</b>	2	Units per box: 150	E
97601042	<b>40 - 1"</b>	2	Units per box: 150	E
97601050	<b>50 - 1/2"</b>	2	Units per box: 100	E
97601051	<b>50 - 3/4"</b>	2	Units per box: 100	E
97601052	<b>50 - 1"</b>	2	Units per box: 100	E
97601053	<b>50-11/4"</b>	2	Units per box: 100	E
97601063	<b>63 - 1/2"</b>	4	Units per box: 100	E
97601064	<b>63 - 3/4"</b>	4	Units per box: 100	E
97601065	<b>63 - 1"</b>	4	Units per box: 100	E
97601066	<b>63 - 11/4"</b>	4	Units per box: 100	E
97601067	<b>63 - 11/2"</b>	4	Units per box: 100	E
97601075	<b>75 - 1/2"</b>	4	Units per box: 80	E
97601076	<b>75 - 3/4"</b>	4	Units per box: 80	E
97601077	<b>75 - 1"</b>	4	Units per box: 80	E
97601078	<b>75 - 11/4"</b>	4	Units per box: 80	E
97601079	<b>75 - 11/2"</b>	4	Units per box: 70	E
97601080	<b>75 - 2"</b>	4	Units per box: 70	E
97601090	<b>90 - 1/2"</b>	4	Units per box: 60	E
97601091	<b>90 - 3/4"</b>	4	Units per box: 60	E
97601092	<b>90 - 1"</b>	4	Units per box: 60	E
97601093	<b>90 - 11/4"</b>	4	Units per box: 60	E
97601094	<b>90 - 11/2"</b>	4	Units per box: 60	E
97601095	<b>90 - 2"</b>	4	Units per box: 55	E
97601109	<b>110-1/2"</b>	4	Units per box: 40	E
97601110	<b>110 - 3/4"</b>	4	Units per box: 40	E
97601111	<b>110 - 1"</b>	4	Units per box: 40	E
97601112	<b>110 - 11/4"</b>	4	Units per box: 40	E
97601113	<b>110 - 11/2"</b>	4	Units per box: 40	E
97601114	<b>110 - 2"</b>	4	Units per box: 40	E
97601115	<b>110-21/2"</b>	4	Units per box: 35	E
97601125	<b>125 - 3/4"</b>	4	Units per box: 35	E
97601126	<b>125 - 1"</b>	4	Units per box: 35	E
97601127	<b>125 - 11/4"</b>	4	Units per box: 35	E
97601128	<b>125 - 11/2"</b>	4	Units per box: 35	E
97601129	<b>125 - 2"</b>	4	Units per box: 35	E
97601130	<b>125-21/2"</b>	4	Units per box: 35	E
97601140	<b>140 - 1"</b>	4	Units per box: 25	E
97601141	<b>140 - 11/4"</b>	6	Units per box: 25	E
97601142	<b>140 - 11/2"</b>	6	Units per box: 25	E
97601143	<b>140 - 2"</b>	6	Units per box: 25	E
97601144	<b>140 - 3"</b>	6	Units per box: 15	E
97601160	<b>160 - 1"</b>	6	Units per box: 20	E
97601161	<b>160 - 11/4"</b>	6	Units per box: 20	E
97601162	<b>160 - 11/2"</b>	6	Units per box: 20	E
97601163	<b>160 - 2"</b>	6	Units per box: 20	E
97601164	<b>160 - 3"</b>	6	Units per box: 15	E
97601165	<b>160-4"</b>	6	Units per box: 15	E



### CLAMP SADDLE



		Ø mm	Nr. of screws		Rabat Group
97601199	<b>200-1"</b>		6	Units per box: 10	E
97601200	<b>200 - 1 1/4"</b>		6	Units per box: 10	E
97601201	<b>200 - 1 1/2"</b>		6	Units per box: 10	E
97601202	<b>200 - 2"</b>		6	Units per box: 8	E
97601203	<b>200 - 3"</b>		6	Units per box: 8	E
97601204	<b>200 - 4"</b>		6	Units per box: 8	E
97601225	<b>225-1"</b>		6	Units per box: 6	E
97601226	<b>225-1 1/4"</b>		6	Units per box: 6	E
97601227	<b>225-1 1/2"</b>		6	Units per box: 6	E
97601228	<b>225-2"</b>		6	Units per box: 6	E
97601229	<b>225-3"</b>		6	Units per box: 6	E
97601230	<b>225-4"</b>		6	Units per box: 6	E
97601250	<b>250-1"</b>		6	Units per box: 4	E
97601251	<b>250-1 1/4"</b>		6	Units per box: 4	E
97601252	<b>250-1 1/2"</b>		6	Units per box: 4	E
97601253	<b>250-2"</b>		6	Units per box: 4	E
97601254	<b>250-3"</b>		6	Units per box: 4	E
97601255	<b>250-4"</b>		6	Units per box: 4	E
97601315	<b>315-1"</b>		6	Units per box: 3	E
97601316	<b>315-1 1/4"</b>		6	Units per box: 3	E
97601317	<b>315-1 1/2"</b>		6	Units per box: 3	E
97601318	<b>315-2"</b>		6	Units per box: 3	E
97601319	<b>315-3"</b>		6	Units per box: 3	E
97601320	<b>315-4"</b>		6	Units per box: 3	E

### BALL VALVES, PE GREEN HANDLE, HDPE SEATS, EPDM O-RINGS



					Rabat Group
91010016 *	<b>DN 10</b>	Ø 16 mm		Units per box: 48/N	B
91010020 *	<b>DN 15</b>	Ø 20 mm		Units per box: 48/N	B
91010025 *	<b>DN 20</b>	Ø 25 mm		Units per box: 48/N	B
91010032 *	<b>DN 25</b>	Ø 32 mm		Units per box: 30/N	B
91010040 *	<b>DN 32</b>	Ø 40 mm		Units per box: 36/I	B
91010050 *	<b>DN 40</b>	Ø 50 mm		Units per box: 24/I	B
91010063 *	<b>DN 50</b>	Ø 63 mm		Units per box: 16/I	B
91010075 **	<b>DN 65</b>	Ø 75 mm		Units per box: 6/J	B
91010090 **	<b>DN 65</b>	Ø 90 mm		Units per box: 6/J	B
91010091 **	<b>DN 80</b>	Ø 90 mm		Units per box: 6/L	B
91010100 **	<b>DN 80</b>	Ø 110 mm		Units per box: 6/L	B
91010110 **	<b>DN 100</b>	Ø 110 mm		Units per box: 4/K	B
91010125 **	<b>DN 100</b>	Ø 125 mm		Units per box: 4/K	B

\* PN 16, \*\* PN 10

### BALL VALVES, PE RED HANDLE, PTFE SEATS, EPDM O-RINGS



					Rabat Group
91110016 *	<b>DN 10</b>	Ø 16 mm		Units per box: 48/N	B
91110020 *	<b>DN 15</b>	Ø 20 mm		Units per box: 48/N	B
91110025 *	<b>DN 20</b>	Ø 25 mm		Units per box: 48/N	B
91110032 *	<b>DN 25</b>	Ø 32 mm		Units per box: 30/N	B
91110040 *	<b>DN 32</b>	Ø 40 mm		Units per box: 36/I	B
91110050 *	<b>DN 40</b>	Ø 50 mm		Units per box: 24/I	B
91110063 *	<b>DN 50</b>	Ø 63 mm		Units per box: 16/I	B
91110075 **	<b>DN 65</b>	Ø 75 mm		Units per box: 6/J	B
91110090 **	<b>DN 65</b>	Ø 90 mm		Units per box: 6/J	B
91110091 **	<b>DN 80</b>	Ø 90 mm		Units per box: 6/L	B
91110100 **	<b>DN 80</b>	Ø 110 mm		Units per box: 6/L	B
91110110 **	<b>DN 100</b>	Ø 110 mm		Units per box: 4/K	B
91110125 **	<b>DN 100</b>	Ø 125 mm		Units per box: 4/K	B

\* PN 16, \*\* PN 10

**BALL VALVES, PE  
 RED HANDLE, PTFE SEATS, FPM O-RINGS**
**Rabat  
 Group**


91116016 *	<b>DN 10</b>	Ø 16 mm	Units per box: 48/N	B
91116020 *	<b>DN 15</b>	Ø 20 mm	Units per box: 48/N	B
91116025 *	<b>DN 20</b>	Ø 25 mm	Units per box: 48/N	B
91116032 *	<b>DN 25</b>	Ø 32 mm	Units per box: 30/N	B
91116040 *	<b>DN 32</b>	Ø 40 mm	Units per box: 36/I	B
91116050 *	<b>DN 40</b>	Ø 50 mm	Units per box: 24/I	B
91116063 *	<b>DN 50</b>	Ø 63 mm	Units per box: 16/I	B
91116075 **	<b>DN 65</b>	Ø 75 mm	Units per box: 6/J	B
91116090 **	<b>DN 65</b>	Ø 90 mm	Units per box: 6/J	B
91116091 **	<b>DN 80</b>	Ø 90 mm	Units per box: 6/L	B
91116110 **	<b>DN 100</b>	Ø 110 mm	Units per box: 4/K	B
91116125 **	<b>DN 100</b>	Ø 125 mm	Units per box: 4/K	B

\* PN 16, \*\* PN 10

**3 WAY BALL VALVES (T)  
 PTFE SEAT, EPDM O-RINGS**
**Rabat  
 Group**


92510016	<b>DN 15</b>	Ø 16 mm	Units per box: 40/M	B
92510020	<b>DN 15</b>	Ø 20 mm	Units per box: 40/M	B
92510025	<b>DN 20</b>	Ø 25 mm	Units per box: 28/M	B
92510032	<b>DN 25</b>	Ø 32 mm	Units per box: 36/K	B
92510040	<b>DN 32</b>	Ø 40 mm	Units per box: 22/K	B
92510050	<b>DN 40</b>	Ø 50 mm	Units per box: 12/K	B
92510063	<b>DN 50</b>	Ø 63 mm	Units per box: 10/K	B

**PTFE SEAT, FPM O-RING**
**SOCKET ENDS**
**Rabat  
 Group**


92516016	<b>DN 15</b>	Ø 16 mm	Units per box: 40/M	B
92516020	<b>DN 15</b>	Ø 20 mm	Units per box: 40/M	B
92516025	<b>DN 20</b>	Ø 25 mm	Units per box: 28/M	B
92516032	<b>DN 25</b>	Ø 32 mm	Units per box: 36/K	B
92516040	<b>DN 32</b>	Ø 40 mm	Units per box: 22/K	B
92516050	<b>DN 40</b>	Ø 50 mm	Units per box: 12/K	B
92516063	<b>DN 50</b>	Ø 63 mm	Units per box: 10/K	B

**3 WAY BALL VALVES (L)  
 PTFE SEAT, EPDM O-RING**
**Rabat  
 Group**


92510017	<b>DN 15</b>	Ø 16 mm	Units per box: 40/M	B
92510021	<b>DN 15</b>	Ø 20 mm	Units per box: 40/M	B
92510026	<b>DN 20</b>	Ø 25 mm	Units per box: 28/M	B
92510033	<b>DN 25</b>	Ø 32 mm	Units per box: 36/K	B
92510041	<b>DN 32</b>	Ø 40 mm	Units per box: 22/K	B
92510051	<b>DN 40</b>	Ø 50 mm	Units per box: 12/K	B
92510064	<b>DN 50</b>	Ø 63 mm	Units per box: 10/K	B

**PTFE SEAT, FPM O-RING**
**SOCKET ENDS**
**Rabat  
 Group**


92516017	<b>DN 15</b>	Ø 16 mm	Units per box: 40/M	B
92516021	<b>DN 15</b>	Ø 20 mm	Units per box: 40/M	B
92516026	<b>DN 20</b>	Ø 25 mm	Units per box: 28/M	B
92516033	<b>DN 25</b>	Ø 32 mm	Units per box: 36/K	B
92516041	<b>DN 32</b>	Ø 40 mm	Units per box: 22/K	B
92516051	<b>DN 40</b>	Ø 50 mm	Units per box: 12/K	B
92516064	<b>DN 50</b>	Ø 63 mm	Units per box: 10/K	B

**MONTAGE INSTRUCTIONS**



- Once you have the valve's sleeve glued, start to assemble in the following order:
1. The position of the handle must be like the picture, aligned to the A & B sockets
  2. Fit tightly the nut C to the end of the thread, by hand
  3. Tight, by hand, gradual and alternativ. the nuts A & B to the end of the thread.
  4. Fit tightly again all the nuts by hand

**OPEN & CLOSE POSITION OF THE VALVE CONNECTIONS BY EACH 90° TURN IN THE CLOCK SENSE DIRECTION**

POSITION T				
1a	2a	3a	4a	5a
▶◀ ▲	▶◀ ▲	▶◀ △	▶◀ ▲	▶◀ ▲
0°	90°	180°	270°	360°

POSITION L				
1a	2a	3a	4a	5a
▷◀ ▲	▷◀ ▲	▷◀ △	▷◀ △	▷◀ ▲
0°	90°	180°	270°	360°

▷ CLOSE  
▶ OPEN

**CHECK VALVES  
EPDM SEAT, STAINLESS STEEL SPRING AISI 302**

**Rabat  
Group**



91310016	<b>DN 10</b>	Ø 16 mm	Units per box: 48/N	B
91310020	<b>DN 15</b>	Ø 20 mm	Units per box: 48/N	B
91310025	<b>DN 20</b>	Ø 25 mm	Units per box: 48/N	B
91310032	<b>DN 25</b>	Ø 32 mm	Units per box: 30/N	B
91310040	<b>DN 32</b>	Ø 40 mm	Units per box: 36/I	B
91310050	<b>DN 40</b>	Ø 50 mm	Units per box: 24/I	B
91310063	<b>DN 50</b>	Ø 63 mm	Units per box: 16/I	B
91310075	<b>DN 65</b>	Ø 75 mm	Units per box: 6/M	B
91310090	<b>DN 80</b>	Ø 90 mm	Units per box: 4/M	B

**CHECK VALVES  
FPM SEAT, STAINLESS STEEL SPRING AISI 302**

**Rabat  
Group**



91316016	<b>DN 10</b>	Ø 16 mm	Units per box: 48/N	B
91316020	<b>DN 15</b>	Ø 20 mm	Units per box: 48/N	B
91316025	<b>DN 20</b>	Ø 25 mm	Units per box: 48/N	B
91316032	<b>DN 25</b>	Ø 32 mm	Units per box: 30/N	B
91316040	<b>DN 32</b>	Ø 40 mm	Units per box: 36/I	B
91316050	<b>DN 40</b>	Ø 50 mm	Units per box: 24/I	B
91316063	<b>DN 50</b>	Ø 63 mm	Units per box: 16/I	B
91316075	<b>DN 65</b>	Ø 75 mm	Units per box: 6/M	B
91316090	<b>DN 80</b>	Ø 90 mm	Units per box: 4/M	B

**FOOT VALVES  
 EPDM SEAT, STAINLESS STEEL SPRING AISI 302**
**Rabat  
 Group**


91410016	<b>DN 10</b>	Ø 16 mm	Units per box: 68/M	B
91410020	<b>DN 15</b>	Ø 20 mm	Units per box: 68/M	B
91410025	<b>DN 20</b>	Ø 25 mm	Units per box: 68/M	B
91410032	<b>DN 25</b>	Ø 32 mm	Units per box: 50/M	B
91410040	<b>DN 32</b>	Ø 40 mm	Units per box: 30/M	B
91410050	<b>DN 40</b>	Ø 50 mm	Units per box: 12/M	B
91410063	<b>DN 50</b>	Ø 63 mm	Units per box: 12/M	B
91410075	<b>DN 65</b>	Ø 75 mm	Units per box: 4/M	B
91410090	<b>DN 80</b>	Ø 90 mm	Units per box: 4/S	B

**FOOT VALVES  
 FTM SEAT, STAINLESS STEEL SPRING AISI 302**
**Rabat  
 Group**


91416016	<b>DN 10</b>	Ø 16 mm	Units per box: 68/M	B
91416020	<b>DN 15</b>	Ø 20 mm	Units per box: 68/M	B
91416025	<b>DN 20</b>	Ø 25 mm	Units per box: 68/M	B
91416032	<b>DN 25</b>	Ø 32 mm	Units per box: 50/M	B
91416040	<b>DN 32</b>	Ø 40 mm	Units per box: 30/M	B
91416050	<b>DN 40</b>	Ø 50 mm	Units per box: 12/M	B
91416063	<b>DN 50</b>	Ø 63 mm	Units per box: 12/M	B
91416075	<b>DN 65</b>	Ø 75 mm	Units per box: 4/M	B
91416090	<b>DN 80</b>	Ø 90 mm	Units per box: 4/S	B

**WAFER CHECK VALVES - STANDARD  
 EPDM SEAT AND JOINT**
**Rabat  
 Group**

with steel support for an easy mounting of the valve between NP 10 bar flanges.



92710040	<b>DN 32</b>	Ø 40 mm	Units per box: 1	B
92710050	<b>DN 40</b>	Ø 50 mm	Units per box: 1	B
92710063	<b>DN 50</b>	Ø 63 mm	Units per box: 1	B
92710075	<b>DN 65</b>	Ø 75 mm	Units per box: 1	B
92710090	<b>DN 80</b>	Ø 90 mm	Units per box: 1	B
92710110	<b>DN 100</b>	Ø 110 mm	Units per box: 1	B
92710125	<b>DN 110</b>	Ø 125 mm	Units per box: 1	B
92710140	<b>DN 125</b>	Ø 140 mm	Units per box: 1	B
92710160	<b>DN 150</b>	Ø 160 mm	Units per box: 1	B
92710200	<b>DN 175</b>	Ø 200 mm	Units per box: 1	B
92710225	<b>DN 200</b>	Ø 225 mm	Units per box: 1	B
92710280	<b>DN 250</b>	Ø 280 mm	Units per box: 1	B
92710315	<b>DN 300</b>	Ø 315 mm	Units per box: 1	B

**WAFER CHECK VALVES WITH SPRING  
 EPDM SEAT AND JOINT**
**Rabat  
 Group**

with steel support for an easy mounting of the valve between NP 10 bar flanges.



92740040	<b>DN 32</b>	Ø 40 mm	Units per box: 1	B
92740050	<b>DN 40</b>	Ø 50 mm	Units per box: 1	B
92740063	<b>DN 50</b>	Ø 63 mm	Units per box: 1	B
92740075	<b>DN 65</b>	Ø 75 mm	Units per box: 1	B
92740090	<b>DN 80</b>	Ø 90 mm	Units per box: 1	B
92740110	<b>DN 100</b>	Ø 110 mm	Units per box: 1	B
92740125	<b>DN 110</b>	Ø 125 mm	Units per box: 1	B
92740140	<b>DN 125</b>	Ø 140 mm	Units per box: 1	B
92740160	<b>DN 150</b>	Ø 160 mm	Units per box: 1	B
92740200	<b>DN 175</b>	Ø 200 mm	Units per box: 1	B
92740225	<b>DN 200</b>	Ø 225 mm	Units per box: 1	B
92740280	<b>DN 250</b>	Ø 280 mm	Units per box: 1	B
92740315	<b>DN 300</b>	Ø 315 mm	Units per box: 1	B

**WAFER CHECK VALVES WITH FLANGES  
COMPLETE - EPDM SEAT AND JOINT**

with steel support for an easy mounting of the valve between NP 10 bar flanges.

**Rabat  
Group**



92730040	<b>DN 32</b>	Ø 40 mm	Units per box: 1	B
92730050	<b>DN 40</b>	Ø 50 mm	Units per box: 1	B
92730063	<b>DN 50</b>	Ø 63 mm	Units per box: 1	B
92730075	<b>DN 65</b>	Ø 75 mm	Units per box: 1	B
92730090	<b>DN 80</b>	Ø 90 mm	Units per box: 1	B
92730110	<b>DN 100</b>	Ø 110 mm	Units per box: 1	B
92730125	<b>DN 100</b>	Ø 125 mm	Units per box: 1	B
92730140	<b>DN 125</b>	Ø 140 mm	Units per box: 1	B
92730160	<b>DN 150</b>	Ø 160 mm	Units per box: 1	B
92730200	<b>DN 150</b>	Ø 200 mm	Units per box: 1	B
92730225	<b>DN 200</b>	Ø 225 mm	Units per box: 1	B
92730250*	<b>DN 225</b>	Ø 250 mm	Units per box: 1	B
92730280	<b>DN 250</b>	Ø 280 mm	Units per box: 1	B
92730315	<b>DN 300</b>	Ø 315 mm	Units per box: 1	B

\*on requested

**WAFER TYPE BUTTERFLY VALVE  
EPDM SEAT AND O-RINGS MODEL "FLANGE"**

**Rabat  
Group**



92100001	<b>DN 50</b>	Ø 2"-63 mm	Units per box: 15/K	B
92100002	<b>DN 65</b>	Ø 2 1/2"-75mm	Units per box: 15/K	B
92100003	<b>DN 80</b>	Ø 3"-90 mm	Units per box: 15/K	B
92100004	<b>DN 100</b>	Ø 4"-110 mm	Units per box: 10/T	B
92100005	<b>DN 125</b>	Ø 5"-125,140 mm	Units per box: 10/T	B
92100006	<b>DN 150</b>	Ø 6"-160 mm	Units per box: 8/K	B
92100008	<b>DN 200</b>	Ø 8"-200 mm	Units per box: 4/K	B
92100010	<b>DN 250</b>	Ø 10"-250 mm	Units per box: 1/M	B
92100012	<b>DN 300</b>	Ø 12"-315 mm	Units per box: 1/X	B

**WAFER TYPE BUTTERFLY VALVE  
FPM SEAT AND O-RINGS MODEL "FLANGE"**

**Rabat  
Group**



92160001	<b>DN 50</b>	Ø 2"-63 mm	Units per box: 15/K	B
92160002	<b>DN 65</b>	Ø 2 1/2"-75mm	Units per box: 15/K	B
92160003	<b>DN 80</b>	Ø 3"-90 mm	Units per box: 15/K	B
92160004	<b>DN 100</b>	Ø 4"-110 mm	Units per box: 10/T	B
92160005	<b>DN 125</b>	Ø 5"-125,140 mm	Units per box: 10/T	B
92160006	<b>DN 150</b>	Ø 6"-160 mm	Units per box: 8/K	B
92160008	<b>DN 200</b>	Ø 8"-200 mm	Units per box: 4/K	B
92160010	<b>DN 250</b>	Ø 10"-250 mm	Units per box: 1/M	B
92160012	<b>DN 300</b>	Ø 12"-315 mm	Units per box: 1/X	B

**WAFER TYPE BUTTERFLY VALVE  
EPDM SEAT AND O-RINGS MODEL "SOCKET"**

**Rabat  
Group**



92200075	<b>DN 65</b>	Ø 75 mm	Units per box: 12/K	B
92200090	<b>DN 80</b>	Ø 90 mm	Units per box: 9/K	B
92200110	<b>DN 100</b>	Ø 110 mm	Units per box: 6K	B
92200125	<b>DN 125</b>	Ø 125 mm	Units per box: 4/T	B
92200140	<b>DN 125</b>	Ø 140 mm	Units per box: 4/T	B
92200160	<b>DN 150</b>	Ø 160 mm	Units per box: 4/K	B
92200200	<b>DN 200</b>	Ø 200 mm	Units per box: 1/D	B



**WAFER TYPE BUTTERFLY VALVE  
 FPM SEAT AND O-RINGS MODEL "SOCKET"**
**Rabat  
 Group**


92260075	<b>DN 65</b>	Ø 75 mm	Units per box: 12/K	B
92260090	<b>DN 80</b>	Ø 90 mm	Units per box: 9/K	B
92260110	<b>DN 100</b>	Ø 110 mm	Units per box: 6/K	B
92260125	<b>DN 125</b>	Ø 125 mm	Units per box: 4/T	B
92260140	<b>DN 125</b>	Ø 140 mm	Units per box: 4/T	B
92260160	<b>DN 150</b>	Ø 160 mm	Units per box: 4/K	B
92260200	<b>DN 200</b>	Ø 200 mm	Units per box: 1/D	B

**BUTTERFLY VALVE WITH FLANGE ADAPTORS  
 EPDM SEAT AND JOINT MODEL "BACKING RING"**
**Rabat  
 Group**


92300063	<b>Ø 2"-63 mm</b>	Units per box: 9/K	B
92300075	<b>Ø 2 1/2"-75mm</b>	Units per box: 6/K	B
92300090	<b>Ø 3"-90 mm</b>	Units per box: 6/K	B
92300110	<b>Ø 4"-110 mm</b>	Units per box: 4/T	B
92300125	<b>Ø 5"-125 mm</b>	Units per box: 4/K	B
92300140	<b>Ø 5"-140 mm</b>	Units per box: 4/K	B
92300160	<b>Ø 6"-160 mm</b>	Units per box: 1/D	B
92300200	<b>Ø 8"-200 mm</b>	Units per box: 1/S	B
92300225	<b>Ø 8"-225 mm</b>	Units per box: 1/S	B
92300250	<b>Ø 10"-250 mm</b>	Units per box: 1/K	B
92300315	<b>Ø 12"315 mm</b>	Units per box: 1/X	B

**BUTTERFLY VALVE WITH FLANGE ADAPTORS  
 FPM SEAT AND JOINT MODEL "BACKING RING"**
**Rabat  
 Group**


92360063	<b>Ø 2"-63 mm</b>	Units per box: 6/K	B
92360075	<b>Ø 2 1/2"-75mm</b>	Units per box: 6/K	B
92360090	<b>Ø 3"-90 mm</b>	Units per box: 6/K	B
92360110	<b>Ø 4"-110 mm</b>	Units per box: 4/T	B
92360125	<b>Ø 5"-125 mm</b>	Units per box: 4/K	B
92360140	<b>Ø 5"-140 mm</b>	Units per box: 4/K	B
92360160	<b>Ø 6"-160 mm</b>	Units per box: 1/D	B
92360200	<b>Ø 8"-200 mm</b>	Units per box: 1/S	B
92360225	<b>Ø 8"-225 mm</b>	Units per box: 1/S	B
92360250	<b>Ø 10"-250 mm</b>	Units per box: 1/K	B
92360315*	<b>Ø 12"-315 mm</b>	Units per box: 1/X	B

\* only available with gear operator

**BUTTERFLY VALVE WITH SOCKET FLANGES  
 EPDM SEAT O-RINGS MODEL "FIXED FLANGE"**
**Rabat  
 Group**


92400075	<b>Ø 2 1/2"-75mm</b>	Units per box: 6/K	B
92400090	<b>Ø 3"-90 mm</b>	Units per box: 6/K	B
92400110	<b>Ø 4"-110 mm</b>	Units per box: 4/T	B
92400125	<b>Ø 5"-125 mm</b>	Units per box: 4/K	B
92400140	<b>Ø 5"-140 mm</b>	Units per box: 4/K	B
92400160	<b>Ø 6"-160 mm</b>	Units per box: 1/D	B
92400200	<b>Ø 8"-200 mm</b>	Units per box: 1/S	B
92400250	<b>Ø 10"-250 mm</b>	Units per box: 1/K	B

**BUTTERFLY VALVE WITH SOCKET FLANGES  
FPM SEAT O-RINGS**

**Rabat  
Group**

**MODEL "FIXED FLANGE"**



92460075	<b>Ø 2 1/2"-75mm</b>	Units per box: 6/K	B
92460090	<b>Ø 3"-90 mm</b>	Units per box: 6/K	B
92460110	<b>Ø 4"-110 mm</b>	Units per box: 4/T	B
92460125	<b>Ø 5"-125 mm</b>	Units per box: 4/K	B
92460140	<b>Ø 5"-140 mm</b>	Units per box: 4/K	B
92460160	<b>Ø 6"-160 mm</b>	Units per box: 1/D	B
92460200	<b>Ø 8"-200 mm</b>	Units per box: 1/S	B
92460250	<b>Ø 10"-250 mm</b>	Units per box: 1/K	B

**PVC TUBES PN 7,5  
COLOR GREY RAL 7011, LENGTH - 5 M**



92157837	<b>Ø 63 mm</b>
92164035	<b>Ø 75 mm</b>
92128632	<b>Ø 90 mm</b>
92176238	<b>Ø 110 mm</b>
92186233	<b>Ø 125 mm</b>
92196239	<b>Ø 160 mm</b>
93108430	<b>Ø 200 mm</b>
93128431	<b>Ø 250 mm</b>
93148432	<b>Ø 315 mm</b>

**PVC TUBES PN 10  
COLOR GREY RAL 7011, LENGTH - 5 M**



92134233	<b>Ø 32 mm</b>
92144239	<b>Ø 40 mm</b>
92153939	<b>Ø 50 mm</b>
92157934	<b>Ø 63 mm</b>
92164132	<b>Ø 75 mm</b>
92128730	<b>Ø 90 mm</b>
92178737	<b>Ø 110 mm</b>
92178834	<b>Ø 125 mm</b>
92188830	<b>Ø 160 mm</b>
93109232	<b>Ø 200 mm</b>
93129233	<b>Ø 250 mm</b>

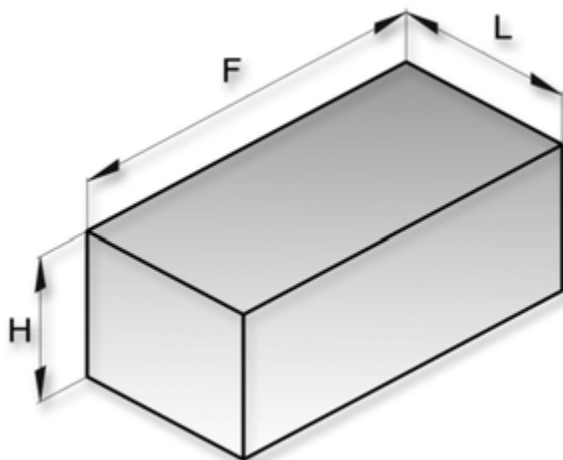
**PVC TUBES PN 16  
COLOR GREY RAL 7011, LENGTH - 5 M**



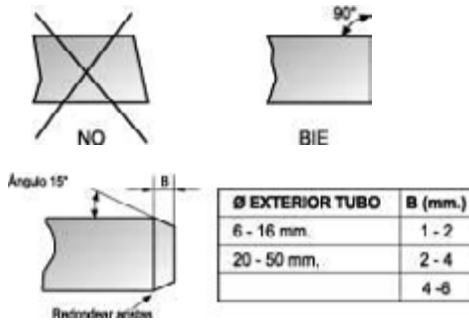
92129639	<b>Ø 20 mm</b>
92130637	<b>Ø 25 mm</b>
92134438	<b>Ø 32 mm</b>
92144433	<b>Ø 40 mm</b>
92154137	<b>Ø 50 mm</b>
92158230	<b>Ø 63 mm</b>
92164434	<b>Ø 75 mm</b>
92125730	<b>Ø 90 mm</b>
92178338	<b>Ø 110 mm</b>

## PACKAGING

Type	Dimensions (L x F x H)	Volume
A	24,5 x 12,0 x 10,5	0,003
B	36,7 x 18,7 x 10,7	0,007
C	39,2 x 29,2 x 13,7	0,016
D	39,5 x 29,5 x 28,0	0,033
H	59,3 x 39,3 x 27,3	0,064
I	51,0 x 38,3 x 31,5	0,061
J	50,0 x 47,0 x 25,5	0,06
K	54,0 x 48,0 x 34,6	0,09
L	56,5 x 27,5 x 49,5	0,077
M	49,0 x 26,0 x 37,0	0,047
N	48,0 x 29,5 x 24,0	0,034
P	24,5 x 24,0 x 20,0	0,012
Q	29,0 x 28,0 x 23,0	0,019
R	34,0 x 34,0 x 25,0	0,029
S	41,0 x 41,0 x 29,5	0,05
T	57,0 x 44,5 x 29,0	0,074
U	46,0 x 31,5 x 27,0	0,039
X	39,0 x 24,0 x 63,5	0,059



**RECOMMENDATIONS FOR SOLVENT CEMENT JOINTING OF PVC-U FITTINGS**



Pipe must be cut off at right angles.

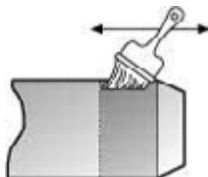
Chamfer the tube end in form and size as illustrated in the sketch.



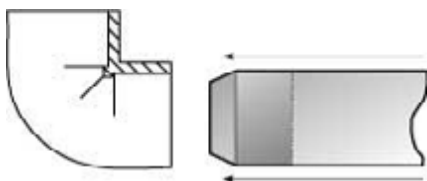
Mark the solvent cement position and clean the outside of the pipe and the inside of the socket with an absorbent paper or a clean cloth with the CH cleaner. The cleaned surface should have a matt finish. Do not touch the clean surface.



Check the correct consistency of the cement, it must run evenly from a wooden spatula held at a slant, like a thickened oil. Never use cement with grums or if it can not smoothly run.



Apply the cement to the pipe and to the fitting socket in an axial direction. Use a brush with the appropriate dimension.



Joint pipe and fitting without turning and before 1 minute from the cement application. Remove the surplus cement. For 90 mm. and larger pipes, two people are needed to clean and cement the pipe end and fitting socket simultaneously.

The drying time depends on the ambient temperature. By 20° C temperature, we recommend to wait 1 hour for each BAR of pressure. To apply the nominal pressure is recommended to wait 24 h.

The environmental conditions to use the CH solvent cement are from -5° a 30° C and in ventilated areas. The characteristics of the CH solvent cement are not affected by the relative humidity of atmosphere.