

# ecoFITTOM<sup>®</sup>

## PVC-O fittings



With **ecoFITTOM<sup>®</sup>**, the first fittings in the world in **PVC-O**, **Molecor** offers a continuous system in PVC-O; this material continuity guarantees the same hydraulic and mechanical properties in the different elements of the network, in the pipes as well as in the fittings. Moreover **ecoFITTOM<sup>®</sup>** **PVC-O fittings** are fully compatible with PVC-U pipes (EN 1452) and with pipes of other materials.

Fittings manufactured according to the Spanish standard **UNE-CEN / TS 17176-3:2019** Plastic piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (**PVC-O**) - Part 3: Fittings" according to indicated in the European specification **CEN / TS 17176-3**.

They can be used in networks to transport potable water, irrigation systems, industrial applications, reclaimed

water, networks for infrastructures or fire networks, etc., among other applications.

**AENOR Product Certification No 001/007103** according to **UNE-CEN/TS 17176-3:2019**. **NI** Mark.

**SIRIM Product Certification** No PC011357 according to **CEN/TS 17176-3:2019**. **SAS** mark.

**ecoFITTOM<sup>®</sup>** are provided with a proven watertightness seal that includes a polypropylene ring and a synthetic EPDM rubber lip which allows the seal to be integrated with the fitting, avoiding joint displacement or movement while the installation is taking place.

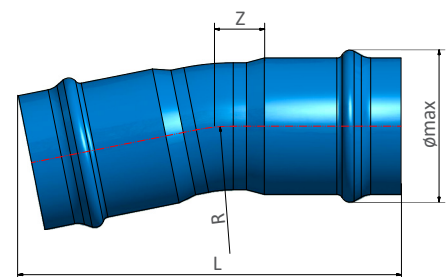
### Technical specifications

Material	Seal type	PN Classification (bar)
Oriented unplasticized poly(vinyl chloride) (PVC-O)	Elastomer EPDM with PP stiffner ring	16
	Standard: EN 681-1	
	Color: blue / purple	

### Product range

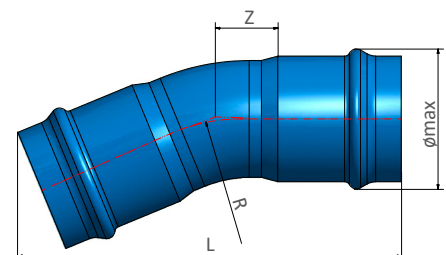
#### 11.25° Socketed bend

DN	PN	Reference	ømax	L (mm)	Z (mm)	Radius (mm)	Weight (Kg)
110	10/16	F110C1116B	140	460	50	165	0.89
125	10/16	F125C1116B	155	500	55	187.5	1.27
140	10/16	F140C1116B	175	530	60	210	1.68
160	10/16	F160C1116B	200	540	65	240	2.11
200	10/16	F200C1116B	245	600	75	300	3.81
225	10/16	F225C1116B	270	645	85	340	5.38
250	10/16	F250C1116B	305	695	90	375	6.72
315	10/16	F315C1116B	375	815	110	475	12.50
400	10/16	F400C1116B	475	940	135	600	23.20



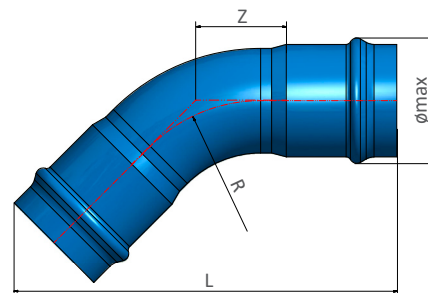
#### 22.5° Socketed bend

DN	PN	Reference	ømax	L (mm)	Z (mm)	Radius (mm)	Weight (Kg)
110	10/16	F110C2216B	140	490	65	165	0.96
125	10/16	F125C2216B	155	535	75	187.5	1.37
140	10/16	F140C2216B	175	565	80	210	1.81
160	10/16	F160C2216B	200	585	90	240	2.37
200	10/16	F200C2216B	245	660	105	300	4.20
225	10/16	F225C2216B	270	710	120	340	5.94
250	10/16	F250C2216B	305	770	130	375	7.49
315	10/16	F315C2216B	375	915	155	475	14.04
400	10/16	F400C2216B	475	1070	195	600	26.35



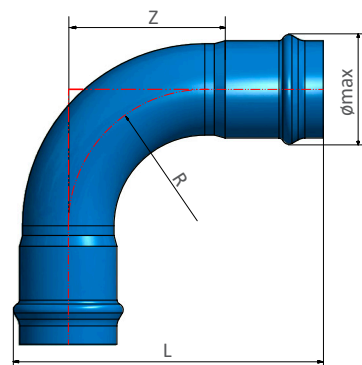
## 45° Socketed bend

DN	PN	Reference	ømax	L (mm)	Z (mm)	Radius (mm)	Weight (Kg)
110	10/16	F110C4516B	140	600	145	300	1.30
125	10/16	F125C4516B	155	570	115	187.5	1.56
140	10/16	F140C4516B	175	605	130	210	2.08
160	10/16	F160C4516B	200	640	140	240	2.71
200	10/16	F200C4516B	245	735	170	300	4.99
225	10/16	F225C4516B	270	840	195	340	7.06
250	10/16	F250C4516B	305	875	210	375	9.03
315	10/16	F315C4516B	375	940	140	300	14.87
400	10/16	F400C4516B	475	1250	330	600	32.64



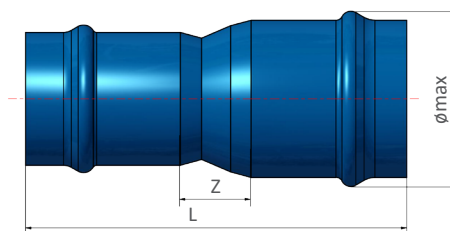
## 90° Socketed bend

DN	PN	Reference	ømax	L (mm)	Z (mm)	Radius (mm)	Weight (Kg)
110	10/16	F110C9016B	143	450	200	165	1.35
125	10/16	F125C9016B	155	490	225	187.5	1.94
140	10/16	F140C9016B	175	535	250	210	2.62
160	10/16	F160C9016B	198	565	275	240	3.52
200	10/16	F200C9016B	244	680	345	300	6.56
225	10/16	F225C9016B	270	750	370	340	9.30
250	10/16	F250C9016B	305	800	430	375	12.10
315	10/16	F315C9016B	375	850	380	315	19.16
400*	10/16	F400C9016B	472	900	375	300	32.64



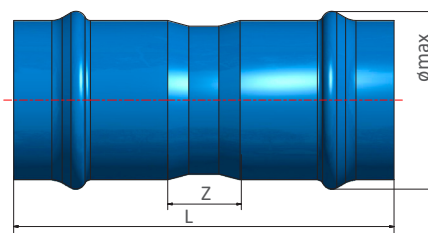
## Socketed reducer

DN/DN	PN	Reference	ømax	L (mm)	Z (mm)	Weight (Kg)
110 / 90	10/16	F110R09016B	140	385	55	0.78
125 / 110	10/16	F125R11016B	155	450	80	1.17
140 / 110	10/16	F140R11016B	175	465	90	1.54
160 / 110	10/16	F160R11016B	200	480	105	1.95
160 / 140	10/16	F160R14016B	200	455	60	1.78
200 / 160	10/16	F200R16016B	245	525	100	3.33
225 / 160	10/16	F225R16016B	270	585	195	4.98
225 / 200	10/16	F225R20016B	270	510	80	4.31
250 / 200	10/16	F250R20016B	305	585	120	5.95
315 / 250	10/16	F315R25016B	375	690	155	11.05
400 / 315	10/16	F400R31516B	475	790	155	19.39



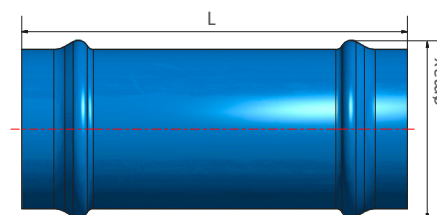
## Coupler

DN	PN	Reference	ømax	L (mm)	Z (mm)	Weight (Kg)
110	10/16	F110M16B	140	420	70	0.83
125	10/16	F125M16B	155	455	75	1.17
140	10/16	F140M16B	175	465	80	1.54
160	10/16	F160M16B	200	490	85	1.91
200	10/16	F200M16B	245	530	95	3.41
225	10/16	F225M16B	270	580	115	4.87
250	10/16	F250M16B	305	620	120	6.06
315	10/16	F315M16B	375	715	145	11.34
400	10/16	F400M16B	475	820	190	21.12



## Sliding coupler

DN	PN	Reference	ømax	L (mm)	Z (mm)	Weight (Kg)
110	10/16	F110MR16B	140	420	-	0.83
125	10/16	F125MR16B	155	455	-	1.17
140	10/16	F140MR16B	175	465	-	1.54
160	10/16	F160MR16B	200	490	-	1.91
200	10/16	F200MR16B	245	530	-	3.41
225	10/16	F225MR16B	270	580	-	4.87
250	10/16	F250MR16B	305	620	-	6.06
315	10/16	F315MR16B	375	715	-	11.34
400	10/16	F400MR16B	475	820	-	21.12



\* Available under request

These data may be subject to variation according to manufacturing tolerances.

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