

Technical Data

Compression Fittings > Blue line



DESCRIPTION

Application

- Compression fitting for PE pipes

Specifics

- Maximum working pressure: 16 bar (Ø 90 ÷ 110 reduced maximum pressure)
- Resistant to chemical products normally used in agriculture
- UV high-resistance body and rings
- O-ring hydraulic seal

Features

- Conical tightening of high resistance thanks to an internal ring of conical tapping
- Different models and diameters
- It does not affect water taste and smell

Materials

- UV resistant polypropylene
- Natural rubber o-ring

Male fitting				Female fitting				Female threaded derivation elbow				Male threaded derivation elbow			
															
Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.
16 x 1/2"	RGMI098	500	20	16 x 1/2"	RGFI129	500	20	16 x 1/2"	RGOI098	400	20	16 x 1/2"	RGOI117	400	20
16 x 3/4"	RGMI099	400	20	16 x 3/4"	RGFI130	400	20	16 x 3/4"	RGOI099	300	20	16 x 3/4"	RGOI116	360	20
20 x 1/2"	RGMI100	280	20	20 x 1/2"	RGFI100	200	20	20 x 1/2"	RGOI100	220	20	20 x 1/2"	RGOI119	280	20
20 x 3/4"	RGMI101	280	20	20 x 3/4"	RGFI101	200	20	20 x 3/4"	RGOI101	200	20	20 x 3/4"	RGOI145	280	20
25 x 1/2"	RGMI103	160	10	25 x 1/2"	RGFI102	140	10	25 x 1/2"	RGOI102	120	10	25 x 1/2"	RGOI146	120	10
25 x 3/4"	RGMI104	140	10	25 x 3/4"	RGFI104	120	10	25 x 3/4"	RGOI103	120	10	25 x 3/4"	RGOI125	120	10
25 x 1"	RGMI105	140	10	25 x 1"	RGFI105	120	10	25 x 1"	RGOI104	100	10	25 x 1"	RGOI126	120	10
32 x 3/4"	RGMI106	100	10	32 x 3/4"	RGFI106	80	10	32 x 3/4"	RGOI106	90	10	32 x 3/4"	RGOI128	90	10
32 x 1"	RGMI107	100	10	32 x 1"	RGFI107	80	10	32 x 1"	RGOI107	80	10	32 x 1"	RGOI129	80	10
32 x 1 1/4"	RGMI108	100	10	40 x 1"	RGFI109	60	5	40 x 1 1/4"	RGOI110	40	5	40 x 1 1/4"	RGOI131	45	5
40 x 1"	RGMI110	60	5	40 x 1 1/4"	RGFI110	50	5	50 x 1 1/2"	RGOI113	20	5	50 x 1 1/2"	RGOI132	20	5
40 x 1 1/4"	RGMI111	60	5	40 x 1 1/2"	RGFI111	50	5	63 x 2"	RGOI115	20	-	63 x 2"	RGOI135	20	-
40 x 1 1/2"	RGMI112	50	5	50 x 1 1/2"	RGFI113	25	5	75 x 2 1/2"	RGOI118	8	-	75 x 2 1/2"	RGOI138	8	-
50 x 1 1/4"	RGMI113	30	5	63 x 1 1/2"	RGFI115	15	-	90 x 3"	RGOI121*	10	-	90 x 3"	RGOI141*	10	-
50 x 1 1/2"	RGMI115	30	5	63 x 2"	RGFI116	15	-	110 x 3"	RGOI123*	7	-	90 x 4"	RGOI142*	10	-
50 x 2"	RGMI130	30	5	75 x 2"	RGFI118	12	-	110 x 4"	RGOI124*	5	-	110 x 4"	RGOI144*	6	-
63 x 1 1/2"	RGMI116	25	-	75 x 2 1/2"	RGFI119	12	-								
63 x 2"	RGMI117	25	-	90 x 3"	RGFI123*	14	-								
63 x 2 1/2"	RGMI118	25	-	110 x 3"	RGFI127*	7	-								
75 x 2"	RGMI119	12	-	110 x 4"	RGFI128*	7	-								
75 x 2 1/2"	RGMI120	12	-												
90 x 2"	RGMI122*	13	-												
90 x 3"	RGMI124*	14	-												
90 x 4"	RGMI125*	13	-												
110 x 3"	RGMI128*	8	-												
110 x 4"	RGMI129*	7	-												

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Sleeve				90° Tee				Elbow				End Plug			
															
Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.
16	RBGI010	280	20	16	RTII099	160	20	16	RGOI010	240	20	16	RTTI010	480	20
20	RBGI001	160	20	20	RTII100	100	20	20	RGOI001	160	20	20	RTTI001	320	20
25	RBGI002	80	10	25	RTII101	40	10	25	RGOI002	70	10	25	RTTI002	140	10
32	RBGI003	60	10	32	RTII102	50	10	32	RGOI003	50	10	32	RTTI003	120	10
40	RBGI004	40	5	40	RTII103	30	-	40	RGOI004	40	5	40	RTTI004	70	5
50	RBGI005	30	5	50	RTII104	10	-	50	RGOI005	15	5	50	RTTI005	30	5
63	RBGI006	10	-	63	RTII105	8	-	63	RGOI006	12	-	63	RTTI006	20	-
75	RBGI007	9	-	75	RTII106	6	-	75	RGOI007	6	-	75	RTTI007	15	-
90	RBGI008*	8	-	90	RTII107*	8	-	90	RGOI008*	8	-	90	RTTI008*	9	-
110	RBGI009*	6	-	110	RTII108*	4	-	110	RGOI009*	6	-	110	RTTI009*	5	-

Threated Tee coupling female				Threated Tee coupling male				Reducing Tee				Reduced sleeve			
															
Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.
16 x 1/2" x 16	RTFI098	200	20	16 x 1/2" x 16	RTMI098	200	20	16 x 20 x 16	RTRI001	160	20	20 x 16	RMRI006	280	20
16 x 3/4" x 16	RTFI099	160	20	16 x 3/4" x 16	RTMI099	200	20	20 x 16 x 20	RTRI021	160	20	25 x 20	RMRI008	120	10
20 x 1/2" x 20	RTFI100	120	20	20 x 1/2" x 20	RTMI100	120	20	25 x 20 x 25	RTRI020	50	10	32 x 25	RMRI010	80	10
20 x 3/4" x 20	RTFI101	100	20	20 x 3/4" x 20	RTMI101	120	20	25 x 32 x 25	RTRI002	40	10	40 x 25	RMRI011	45	5
25 x 1/2" x 25	RTFI102	60	10	25 x 1/2" x 25	RTMI102	60	10	32 x 25 x 32	RTRI003	50	10	40 x 32	RMRI012	45	5
25 x 3/4" x 25	RTFI103	60	10	25 x 3/4" x 25	RTMI103	60	10	40 x 32 x 40	RTRI005	35	5	50 x 40	RMRI014	25	5
25 x 1" x 25	RTFI104	60	10	25 x 1" x 25	RTMI104	60	10	50 x 40 x 50	RTRI008	25	5	63 x 32	RMRI016	15	-
32 x 3/4" x 32	RTFI106	60	10	32 x 3/4" x 32	RTMI106	50	10	63 x 50 x 63	RTRI012*	14	-	63 x 40	RMRI017	15	-
32 x 1" x 32	RTFI107	60	10	32 x 1" x 32	RTMI107	40	10	110 x 90 x 110	RTRI019*	4	-	63 x 50	RMRI018	10	-
40 x 1" x 40	RTFI108	40	5	40 x 1" x 40	RTMI109	40	5					75 x 63	RMRI019*	9	-
40 x 1 1/4" x 40	RTFI109	40	5	40 x 1 1/4" x 40	RTMI110	35	5					90 x 63	RMRI021*	12	-
50 x 1 1/2" x 50	RTFI128	12	5	50 x 1 1/2" x 50	RTMI114	10	5					90 x 75	RMRI022*	12	-
63 x 2" x 63	RTFI114	10	-	63 x 2" x 63	RTMI118	12	-					110 x 75	RMRI023*	6	-
75 x 2 1/2" x 75	RTFI117	8	-	75 x 2 1/2" x 75	RTMI121	9	-					110 x 90	RMRI024*	5	-
90 x 3" x 90	RTFI120*	8	-	90 x 3" x 90	RTMI124*	6	-								
110 x 3" x 110	RTFI123*	10	-	110 x 4" x 110	RTMI128*	6	-								
110 x 4" x 110	RTFI124*	5	-												

PP gate valve with compression fittings				PP female fittings with o-ring				PP flange fitting				PP tap wall plate			
															
Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.
20 x 20 x 20	FVII001	60	10	25 x 1"	RBF1001	110	10	63 x 2"	RFFI001	18	-	20 x 1/2"	RPMI001	120	20
25 x 25 x 25	FVII002	40	10	32 x 1"	RBF1002	80	10	75 x 3"	RFFI002	8	-	25 x 3/4"	RPMI002	60	10
32 x 32 x 32	FVII003	50	10	40 x 1"	RBF1003	50	5	90 x 4"	RFFI004*	4	-				
								110 x 4"	RFFI005*	4	-				

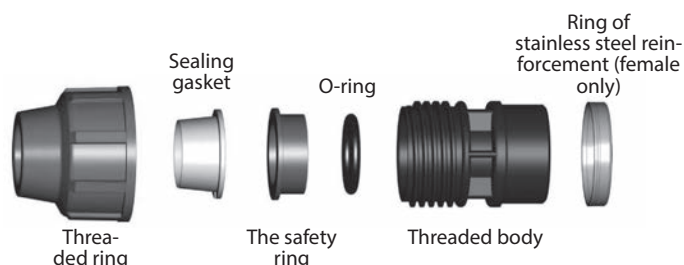
PN16 fittings - *PN12,5 fittings

Bo. = box - B. = bag

Technical Data

Compression Fittings > Blue line

> Assembly Instructions

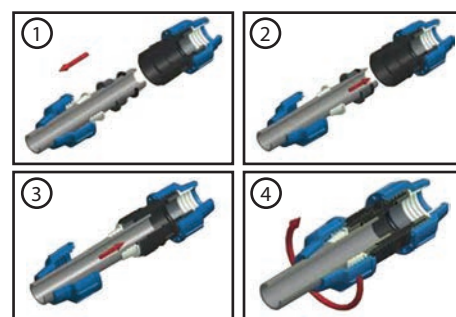


Light Blue Line PN16 Ø20 ÷ Ø40 mm

1. Unscrew the threaded nut, but do not remove it completely
2. Insert the tube into the fitting. Make sure the tube passes through the seal.
3. Screw the ring nut again.

Light Blue Line Ø50 ÷ Ø110 mm

1. The gasket, the threaded ring nut, the safety ring and the O-ring are to be pulled on the tube
2. Reassemble all parts (O-ring, circlip and gasket) on the tube. Push the pipe inside the fitting until it stops. Make sure that the O-ring and the safety ring are in their original position.
3. Press the seal to its original position.
4. Screw the threaded ring nut to the stop. It is necessary to use the wrench or some other tool to achieve perfect tightening.



Important

- The end of the tube must be cleaned of any residues
- From diameter 20 to 40 it is possible to screw and unscrew the ring nut manually
- If the ring nut is not completely fixed, there may be leaks or the pressure may detach the hose from the fitting
- In male fittings, the thread must be covered with PTFE tape