

Technical Data

Compression Fittings > Green 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				Elbow threaded deriv. Female				Elbow threaded deriv. Male			
															
Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.
16 x 1/2"	RGMV098	500	20	16 x 1/2"	RGFV098	500	20	16 x 1/2"	RGOV098	400	20	16 x 1/2"	RGOV117	400	20
16 x 3/4"	RGMV099	400	20	16 x 3/4"	RGFV099	400	20	16 x 3/4"	RGOV099	300	20	16 x 3/4"	RGOV118	360	20
20 x 1/2"	RGMV100	480	20	20 x 1/2"	RGFV100	500	20	20 x 1/2"	RGOV100	400	20	20 x 1/2"	RGOV119	400	20
20 x 3/4"	RGMV101	400	20	20 x 3/4"	RGFV101	400	20	20 x 3/4"	RGOV101	300	20	20 x 3/4"	RGOV145	360	20
25 x 1/2"	RGMV103	280	20	25 x 1/2"	RGFV102	240	20	25 x 1/2"	RGOV102	240	20	25 x 1/2"	RGOV146	240	20
25 x 3/4"	RGMV104	280	20	25 x 3/4"	RGFV104	280	20	25 x 3/4"	RGOV103	240	20	25 x 3/4"	RGOV125	240	20
25 x 1"	RGMV105	280	20	25 x 1"	RGFV105	240	20	25 x 1"	RGOV104	200	20	25 x 1"	RGOV126	200	20
32 x 1/2"	RGMV118	200	20	32 x 1/2"	RGFV114	200	20	32 x 1/2"	RGOV105	140	20	32 x 3/4"	RGOV128	150	15
32 x 3/4"	RGMV106	200	20	32 x 3/4"	RGFV106	200	20	32 x 3/4"	RGOV106	120	20	32 x 1"	RGOV129	120	20
32 x 1"	RGMV107	160	20	32 x 1"	RGFV107	160	20	32 x 1"	RGOV107	120	20	32 x 1 1/4"	RGOV130	100	20
32 x 1 1/4"	RGMV108	160	20	32 x 1 1/4"	RGFV108	160	20	32 x 1 1/4"	RGOV108	120	20	40 x 1"	RGOV131	60	10
40 x 3/4"	RGMV109	100	20	40 x 1"	RGFV109	105	15	40 x 1"	RGOV109	60	10	40 x 1 1/4"	RGOV132	60	10
40 x 1"	RGMV110	105	15	40 x 1 1/4"	RGFV110	90	15	40 x 1 1/4"	RGOV110	60	10	40 x 1 1/2"	RGOV133	60	10
40 x 1 1/4"	RGMV111	90	15	40 x 1 1/2"	RGFV111	90	15	50 x 1 1/2"	RGOV111	40	-	50 x 1 1/4"	RGOV134	40	-
40 x 1 1/2"	RGMV112	90	15	50 x 1 1/2"	RGFV112	60	-	63 x 2"	RGOV112	25	-	50 x 1 1/2"	RGOV135	38	-
50 x 1 1/4"	RGMV113	64	-	63 x 2"	RGFV113	35	-					50 x 2"	RGOV136	35	-
50 x 1 1/2"	RGMV114	64	-									63 x 2"	RGOV137	23	-
50 x 2"	RGMV115	62	-												
63 x 1 1/2"	RGMV116	44	-												
63 x 2"	RGMV117	44	-												

Fittings

Sleeve				Tee				Elbow				End Plug			
															
Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.
16	RBGV000	280	20	16	RTIV099	160	20	16	RGOV000	240	20	16	RTTV000	480	20
20	RBGV001	280	20	20	RTIV100	160	20	20	RGOV001	240	20	20	RTTV001	480	20
25	RBGV002	160	20	25	RTIV101	90	15	25	RGOV002	160	20	25	RTTV002	320	20
32	RBGV003	90	15	32	RTIV102	50	10	32	RGOV003	90	15	32	RTTV003	200	20
40	RBGV004	60	10	40	RTIV103	30	5	40	RGOV004	45	5	40	RTTV004	120	20
50	RBGV005	40	-	50	RTIV104	18	-	50	RGOV005	25	-	50	RTTV005	75	-
63	RBGV006	22	-	63	RTIV105	10	-	63	RGOV006	16	-	63	RTTV006	48	-

PN10 fittings

Bo. = box - B. = bag

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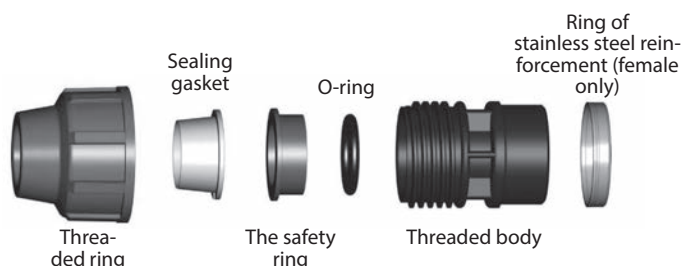
Threated Tee coupling male				Threated Tee coupling female				Reduced sleeve				Reducing Tee			
															
Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.	Ø	Code	Bo.	B.
16 x 1/2" x 16	RTMV098	200	20	16 x 1/2" x 16	RTFV098	200	20	20 x 16	RMRV007	280	20	20 x 16 x 20	RTRV001	160	20
16 x 3/4" x 16	RTMV099	200	20	16 x 3/4" x 16	RTFV099	160	20	25 x 20	RMRV008	200	20	25 x 20 x 25	RTRV002	120	20
20 x 1/2" x 20	RTMV100	200	20	20 x 1/2" x 20	RTFV100	200	20	32 x 20	RMRV009	160	20	25 x 32 x 25	RTRV003	80	20
20 x 3/4" x 20	RTMV101	200	20	20 x 3/4" x 20	RTFV101	160	20	32 x 25	RMRV010	120	20	32 x 20 x 32	RTRV004	60	15
25 x 1/2" x 25	RTMV102	120	20	25 x 1/2" x 25	RTFV102	120	20	40 x 20	RMRV011	80	20	32 x 25 x 32	RTRV005	60	15
25 x 3/4" x 25	RTMV103	120	20	25 x 3/4" x 25	RTFV103	120	20	40 x 25	RMRV012	90	10	40 x 25 x 40	RTRV006	35	5
25 x 1" x 25	RTMV104	120	20	25 x 1" x 25	RTFV104	120	20	40 x 32	RMRV013	80	10	40 x 32 x 40	RTRV007	30	5
32 x 3/4" x 32	RTMV106	75	15	32 x 1/2" x 32	RTFV105	70	10	50 x 20	RMRV014	60	-	50 x 25 x 50	RTRV008	20	-
32 x 1" x 32	RTMV107	70	10	32 x 3/4" x 32	RTFV106	70	10	50 x 25	RMRV015	60	-	50 x 32 x 50	RTRV009	20	-
32 x 1 1/4" x 32	RTMV108	60	10	32 x 1" x 32	RTFV107	70	10	50 x 32	RMRV016	60	-	50 x 40 x 50	RTRV010	20	-
40 x 1" x 40	RTMV109	35	5	40 x 1 1/4" x 40	RTFV108	60	10	50 x 40	RMRV017	47	-	63 x 32 x 63	RTRV011	12	-
40 x 1 1/4" x 40	RTMV110	35	5	40 x 1" x 40	RTFV109	40	5	63 x 25	RMRV018	48	-	63 x 40 x 63	RTRV012	12	-
50 x 1 1/4" x 50	RTMV111	23	-	40 x 1 1/4" x 40	RTFV110	40	5	63 x 32	RMRV019	48	-	63 x 50 x 63	RTRV013	12	-
50 x 1 1/2" x 50	RTMV112	23	-	50 x 1 1/2" x 50	RTFV111	25	-	63 x 40	RMRV020	32	-				
63 x 2" x 63	RTMV113	12	-	63 x 2" x 63	RTFV112	14	-	63 x 50	RMRV021	32	-				

Coupling fitting				Coupling elbow			
							
Ø	Code	Bo.	B.	Ø	Code	Bo.	B.
25 x 1"	RBFV001	200	20	25 x 1"	RGFV001	180	20
32 x 1"	RBFV002	160	20	32 x 1"	RGFV002	120	20

PN10 fittings

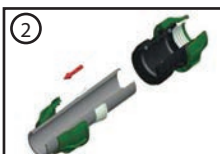
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> Assembly Instructions



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



Green Line PN10 Ø20 ÷ Ø63

1. Remove completely the threaded ring nut and sealing gasket from the fitting body.
2. The sealing gasket and the threaded ring nut (green color) must be inserted on the pipe.



3. Insert the pipe into the fitting as far as it will go. Make sure the tube passes through the O-ring.
4. Push the seal to its original position.
5. Press the threaded ring nut and screw it onto the fitting.