

NORMACONNECT® PLAST GRIP E

THE COUPLING FOR PLASTIC PIPES

NORMACONNECT® PLAST GRIP /PLAST GRIP E axial restraint pipe couplings are used to connect plastic pipes. The specially designed anchoring ring featuring flat rows of teeth engages into the pipe surface without damaging the plastic material. The force applied is distributed evenly across the pipe surface.

NORMACONNECT® PLAST GRIP /PLAST GRIP E Features:

1. Double-lip sealing system*

2. Standard strip insert*

3. Anchoring ring*

* For details refer to Product benefits pages 6–7.

6. Optional support sleeve

When joining plastic pipes made from PE and PP a support sleeve must be used. If the pipes to be joined are made from soft thermoplastic material (e. g. PE) the use of a support sleeve is mandatory. The support sleeve is inserted into the pipe end within the area to be joined and thus protects the pipe from being deformed.



Enquiries/ordering

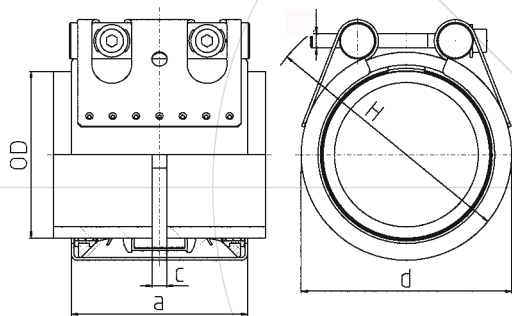
When making enquiries or placing orders please indicate:

Example:

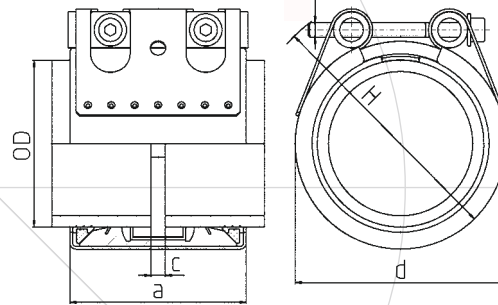
1. The type (PLAST GRIP/PLAST GRIP E)	PLAST GRIP
2. The required material (W2, W5), (cf. page 10)	W5
3. The pipe outside diameter OD, (cf. table)	90
4. The sealing sleeve material (EPDM, NBR)	EPDM

For this example, the order text would read: **NORMACONNECT® PLAST GRIP – W5 – 90 – EPDM**

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OD	Clamping range	PN ¹⁾	WP ²⁾	C _{max}	Clamping range		
(mm)	ODmin – ODmax Plastics (mm)	 (bar)	 (bar)	(mm)	a (mm)	d clamped approx. (mm)	H approx. (mm)
40.0	39.0 – 40.5	10	16	8	62	60	80
42.4	41.7 – 43.0	10	16	8	62	65	85
48.3	47.6 – 49.5	10	16	8	62	70	90
50.0	49.0 – 50.5	10	16	8	62	70	90
60.3	59.5 – 61.0	10	16	17	78	85	105
63.0	62.0 – 63.5	10	16	17	78	85	105
73.0	72.0 – 74.0	10	16	25	98	95	115
75.0	74.0 – 76.0	10	16	25	98	100	120
76.0	75.0 – 77.0	10	16	25	98	100	120
88.9	88.0 – 90.0	10	16	25	98	110	130
90.0	89.0 – 91.0	10	16	25	98	110	130
101.6	100.4 – 102.8	10	16	25	98	125	145
110.0	109.0 – 111.0	10	16	25	98	130	150
114.3	113.0 – 115.5	10	16	25	98	135	155
140.0	139.0 – 141.0	10	16	35	115	160	180
141.3	138.1 – 141.6	10	16	35	115	165	185
160.0	159.0 – 162.0	10	16	35	115	180	200
168.3	166.5 – 170.1	10	16	35	115	190	210
180.0	178.0 – 182.0	–	16	35	142	210	240
200.0	198.0 – 202.0	–	16	35	142	230	260
219.1	217.0 – 222.0	–	16	35	142	250	280
225.0	222.0 – 227.0	–	10	35	142	255	285
250.0	247.0 – 253.0	–	10	35	142	280	310
273.0	271.0 – 276.0	–	10	35	142	305	335
280.0	277.0 – 283.0	–	10	35	142	310	340
315.0	311.0 – 318.0	–	10	35	142	345	375
323.9	320.0 – 327.0	–	6	35	142	355	385
355.0	352.0 – 359.0	–	6	35	142	385	415
400.0	396.0 – 404.0	–	6	35	142	430	460
406.4	402.0 – 410.0	–	6	35	142	440	470

¹⁾ **PN** (nominal pressure) is the max. admissible working pressure in shipbuilding, based on a safety factor of ≥ 4 .

²⁾ **WP** is the max. working pressure in industrial applications, based on a safety factor as per NORMA specification.