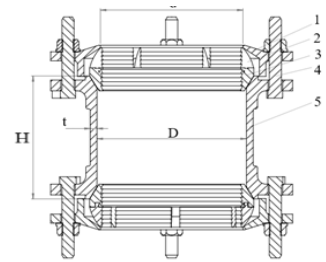




➤ TENSILE RESISTANT COUPLING

- ❖ **FUNCTION:** To connect PE pipe to PE pipe.
- ❖ **ADVANTAGE:** The fusion bonded epoxy coating coupling contains an end load resistant mechanism, that grips and seals onto PE Pipe to prevent the pipe pull off from the pipe system particularly at high working pressure, soft ground....
- ❖ **STANDARD:** ISO 2531 - 2009
- ❖ **STRUCTURE**

No	Part	Materials
1	Top cover	Ductile iron FCD450
2	Sealing ring	Brass
3	Rubber rings	EPDM
4	Bolts and Nuts	Hot Dip Galvanized/ductile iron/SUS 304
5	Body	Ductile iron FCD450



❖ SPECIFICATIONS

Dimension (DN)	PE PIPE (OD mm)	Inside diameter (D)	Cover diameter (d)	Thickness (t)	Bolts (MxL)	Number of bolts (n)	Height (H)	Working pressure (bar)
40	50	60	55	6	12x50	6	100	PN10/16
50	63	70	65	6	12x50	6	100	PN10/16
65	75	80	80	6,5	12x50	6	105	PN10/16
80	90	100	95	7	14x70	8	130	PN10/16
100	110	122	115	7.2	14x70	8	140	PN10/16
125	125	130	130	7.2	14x70	8	140	PN10/16
140	140	145	145	7.8	14x90	8	145	PN10/16
150	160	172	165	7.8	14x90	8	150	PN10/16
180	180	185	185	7.8	14x90	8	152	PN10/16
200	200	216	210	8.4	16x100	8	160	PN10/16
225	225	230	230	8.4	16x100	8	160	PN10/16
250	250	260	260	9	16x100	12	164	PN10/16
280	280	285	285	9	16x100	12	164	PN10/16
300	315	330	320	9.6	16x100	12	170	PN10/16
350	355	360	360	10.5	16x100	12	175	PN10/16
400	400	430	410	11	18x130	16	175	PN10/16
450	450	460	460	11.5	18x130	16	200	PN10/16
500	500	520	510	12	18x130	20	224	PN10
560	560	570	570	12	18x130	20	230	PN10
600	630	640	635	13.2	20x130	20	250	PN10
700	710	725	720	14.4	20x130	22	270	PN10

Note: The above sizes can be changed according to customer needs.

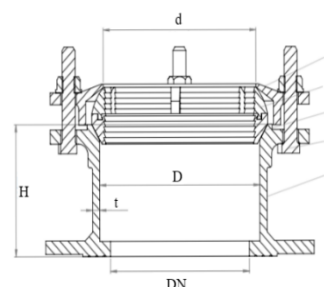


➤ TENSILE RESISTANT FLANGE ADAPTOR

- ❖ **FUNCTION:** To connect flanges to PE pipe
- ❖ **ADVANTAGE:** The fusion bonded epoxy coating coupling contains an end load resistant mechanism, that grips and seals onto PE Pipe to prevent the pipe pull off from the pipe system particularly at high working pressure, soft ground...
- ❖ **STANDARD:** ISO 2531 - 2009
- ❖ **STRUCTURE**



No	Part	Materials
1	Top cover	Ductile iron FCD450
2	Sealing ring	Brass
3	Rubber rings	EPDM
4	Bolts and Nuts	Hot Dip Galvanized/ductile iron/SUS 304
5	Body	Ductile iron FCD450



❖ SPECIFICATIONS

Dimension (DN)	PE PIPE (OD mm)	Inside diameter (D)	Cover diameter (d)	Thickness (t)	Bolts (MxL)	Number of bolts (n)	Height (H)	Working pressure (bar)
50	63	70	65	6	12x50	3	70	PN10/16
65	75	80	80	6,5	12x50	3	75	PN10/16
80	90	100	95	7	14x70	4	85	PN10/16
100	110	122	115	7.2	14x70	4	90	PN10/16
125	125	130	130	7.2	14x70	4	95	PN10/16
140	140	145	145	7.8	14x90	4	95	PN10/16
150	160	172	165	7.8	14x90	4	120	PN10/16
180	180	185	185	7.8	14x90	4	100	PN10/16
200	200	216	210	8.4	16x100	4	129	PN10/16
225	225	230	230	8.4	16x100	4	129	PN10/16
250	250	260	260	9	16x100	6	131	PN10/16
280	280	285	285	9	16x100	6	131	PN10/16
300	315	330	320	9.6	16x100	6	133	PN10/16
350	355	360	360	10.5	16x100	6	136,5	PN10/16
400	400	430	410	11	18x130	8	164	PN10/16
450	450	460	460	11.5	18x130	8	172	PN10/16
500	500	520	510	12	18x130	10	172	PN10
560	560	570	570	12	18x130	10	153	PN10
600	630	640	635	13.2	20x130	10	188	PN10
700	710	725	720	14.4	20x130	12	220	PN10

Note: The above sizes can be changed according to customer needs.