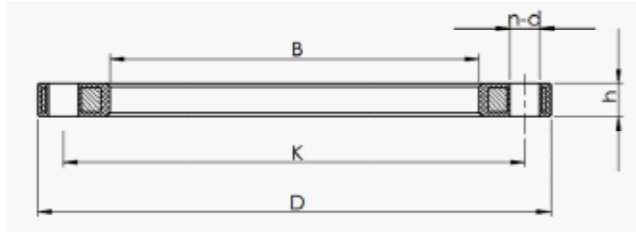


PP-STEEL Flange For Stub End



The BES Fusion PP/Steel Flange Backing Rings are designed to provide a low cost, chemically-resistant alternative to conventional galvanized and coated steel backing rings. The steel core provides strength and rigidity while the polypropylene over-molding allows for extreme chemical resistance.

PP Material Characteristic as below chart

Characteristic	Item	Properties	Test method
Physical characteristic	Density	g/cm ³	ASTM D792
	Tensile Strength at break	30 Mpa	ASTM D638
Mechanic Characteristic	Elongation at break	55%	ASTM D638
	Flexural Yield Strength	45 Mpa	ASTM D790
	Cantilever beam notched impact strength	5 KJ/m ²	ASTM D256
Heating Characteristic	Deflection Temperature	130 °C	ASTM D648
Electric Characteristic	Insulation Resistance	1016 Ω	ASTM D257
	Dielectric Breakdown Voltage	17 kv/mm	ASTM D149

Constructed with a high strength steel core and polypropylene corrosion resistant over-mold

Dimensions complied with GB /9119:2010;ISO 7005-1:1992;DIN2501;DIN2576;EN 1092

Applications: All types of chemical fields and industries

Plants and apparatus engineering

General mechanical engineering

Material: PP with 30% glass fiber reinforced, Steel insert.

Backing Ring PN16 With steel insert for stub end PP-Steel, Black

Code	DN	PE (dn)	D (mm)	K (mm)	B (mm)	n	d (mm)	h (mm)
WPJ-16PPG50	40	50	150	110	62	4	18	18
WPJ-16PPG63	50	63	165	125	78	4	18	18
WPJ-16PPG75	65	75	185	145	92	4	18	18
WPJ-16PPG75B	65*	75	185	145	92	8	18	18
WPJ-16PPG90	80	90	200	160	108	8	18	20
WPJ-16PPG110	100	110	220	180	128	8	18	20
WPJ-16PPG125B	100*	125	220	180	135	8	18	20
WPJ-16PPG125	125	125	250	210	135	8	18	22
WPJ-16PPG140	125*	140	360	210	158	8	18	22
WPJ-16PPG160	150	160	285	240	178	8	22	22
WPJ-16PPG180	150*	180	285	240	188	8	22	22
WPJ-16PPG200	200	200	340	295	235	12	22	24
WPJ-16PPG225	200*	225	340	295	238	12	22	24
WPJ-16PPG250	250	280	405	355	238	12	26	26
WPJ-16PPG280	250*	280	405	355	294	12	26	26
WPJ-16PPG315	300	315	460	410	338	12	26	28
WPJ-16PPG355	350	355	520	470	376	16	26	30
WPJ-16PPG400	400	400	580	525	430	16	30	32

Backing Ring PN10 With steel insert for stub end PP-Steel, Black

Code	DN	PE (dn)	D (mm)	K (mm)	B (mm)	n	d (mm)	h (mm)
WPJ-10PPG200	200	200	340	295	235	12	22	24
WPJ-10PPG225	200*	225	340	295	238	12	22	24
WPJ-10PPG250	250	250	395	350	238	12	26	26
WPJ-10PPG280	250*	280	395	350	294	12	26	26
WPJ-10PPG315	300	315	445	400	338	12	26	26
WPJ-10PPG355	350	355	510	460	376	16	26	28
WPJ-10PPG400	400	400	570	515	430	16	26	30
WPJ-10PPG450	450	450	620	565	517	20	26	32
WPJ-10PPG450B	500	450	678	620	517	20	26	32
WPJ-10PPG500	500	500	678	620	533	20	26	32