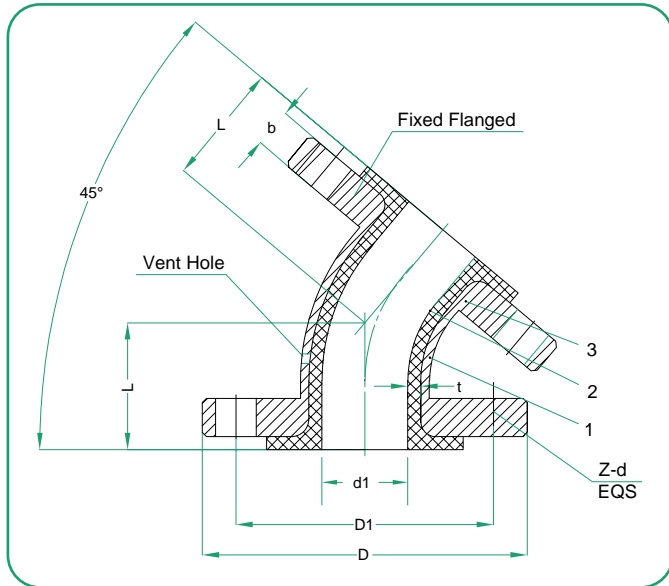


Features / Design

Lined Fittings - Series E45 / 45° Elbow

- Design & Manufacture Standard: ASTM F1545, HG/T 2437.
- Flange Standard: ANSI B 16.5, HG/T 20592.
- Face to Face Dimension: ASME B16.5, HG /T 2437.
- Lining Thickness: 3 to 5 mm.
- Inspection and Test Standard: ASTM F1545.
- Liner Inspection: Spark test 10-20 Kv.
- Flange Material: A105, SS304, SS316... and others.
- Lining Material: PTFE, PFA, FEP... and others.



Material List

NO.	PART NAME	MATERIAL
1	BODY	ASTM A 106 Gr. B
2	LINER	PTFE
3	FLANGE	ASTM A105

NOTE: Material list as example, other materials and liners available.

Dimensions (inches)

NPS (in)	L (in)	D (in)	D1 (in)	Z	d (in)	t (in)	b (in)	d1 (in)	Weight (lbs)
1"	1.732	4.331	3.126	4	0.630	0.157	0.433	0.945	4.630
1 1/2"	2.244	4.921	3.874	4	0.630	0.157	0.500	1.496	6.614
2"	2.520	5.906	4.752	4	0.748	0.197	0.563	1.890	10.582
3"	2.992	7.480	6.000	4	0.748	0.236	0.689	2.835	14.043
4"	4.016	9.055	7.500	8	0.748	0.236	0.878	3.543	18.298
6"	5.000	11.024	9.500	8	0.866	0.276	0.941	5.512	38.140
8"	5.512	13.583	11.744	8	0.866	0.315	1.063	7.480	56.879
10"	6.496	15.945	14.252	12	0.984	0.433	1.126	9.370	91.933

NOTE: Lining thickness, weight and pitch diameter may vary if accessory is for vacuum use.



How to Order

SERIES NUMBER	BODY		MATERIAL			ENDS	CLASS	SIZE		OPERATION			
	DISC	BODY & TRIM LINER	SEAT										
E45	2	WCB	NONE	P	PTFE	NONE	F	Flanged RF	0	ANSI 150#	01	1"	NONE
	3	CF8M		F	FEP				01.5	1 1/2"			
	4	CF8		F	PFA				02	2"			
	6	DI / CI		E	ETFE				03	3"			
				K	KYNAR				04	4"			
									06	6"			
									08	8"			
									10	10"			

Example:

Lined 45° Elbow, Body WCB + PFA Liner, Flanged RF ANSI Class 150# Size 6".

E90L2AF006