

Lined Piping Systems - 45° Elbow

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Construction : Smoothbore

Pipe : Carbon Steel / Stainless Steel (Other specialty metals on request)

Liner: PTFE, PFA, PVDF, PP, FEP, ETFE

Size Available : 1" - 12" (Larger sizes upon Request)

Vacuum : Full Vacuum

Temperature : -30°C to 260°C

Low | Med | High

Flexibility 

Cycle Life 

Pressure Rating 

Chemical Resistance 

Wall Thickness 



Construction

Use:

Our range of products are used in various industries such as Chemicals, Refineries, Pesticides, Petrochemicals, Steel, Food-Processing, Beverages, Alcohols and Acids, Pharmaceuticals, Circuit Breakers, Fertilizers, Desalination.

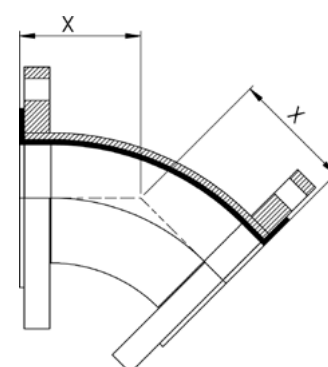
Standards:

ASTM F1545, AS4041:2006 Class 1, ASME IX:2010

Specifications

Part Number:	Size	Face to Centre (X)	Liner Thickness	Flared Dia
	inch	mm	mm	mm
TLP45a-25 -AF3-AF3-b	1"	44	3.50	51
TLP45a-38 -AF3-AF3-b	1 1/2"	57	3.50	73
TLP45a-50 -AF3-AF3-b	2"	63	4.30	92
TLP45a-80 -AF3-AF3-b	3"	76	4.40	127
TLP45a-100 -AF3-AF3-b	4"	102	4.40	157
TLP45a-150 -AF3-AF3-b	6"	127	5.50	216
TLP45a-200 -AF3-AF3-b	8"	140	6.00	270
TLP45a-250 -AF3-AF3-b	10"	165	7.50	324
TLP45a-300 -AF3-AF3-b	12"	190	7.50	381

At temp(°C)	ANSI class 150	ANSI class 300
°C	kpa	kpa
40	1760	3160
100	1650	2740
150	1510	2430
200	1400	2080
250	1200	1720



Part Number Key:

a = Pipe Material

6S = 316 Stainless Steel | 4S = 304 Stainless Steel | MS = Carbon Steel

b = 316 Stainless Steel Flange Type

A1 = ANSI 150lb | TE = Table E | TD = Table D | D16 = DIN 16

Applications

