

## Lined Piping Systems - 45° Elbow

### Lined 45° Elbow

**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

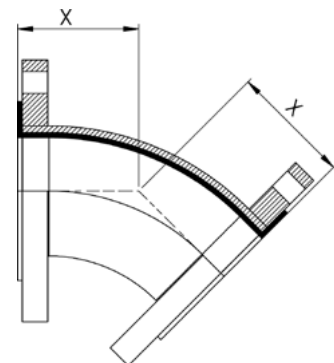
**Part Number Key:**

**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



PIPING SYSTEMS / LINED