

TEFPASS® PTFE Pipe Liner

ASC PTFE pipe liners are produced by proprietary isostatic molding method with carefully selected PTFE resins.

Features

- Isotropic mechanical properties (high hoop and axial strength) which enable the PTFE liners to withstand full vacuum at elevated temperatures
- Longest molded PTFE pipe liners available in the market (Max. length: 6.1 meter).
Key benefits of longer liners include:
 1. Save time for flanges connection, material assembly and the mechanic operation.
 2. Save time for PTFE pipe flaring and reduce the material wastage

Specifications

unit : mm

Size		Standard wall		Length (m)	Heavy wall		Length (m)
mm	Inch	OD (mm)	T (mm)		OD (mm)	T (mm)	
50	2"	52.7~56.0	3.4~4.4	6.1	52.3~54.5	3.6~5.3	6.1
80	3"	79.8~83.1	3.0~3.8	6.2	77.9~81.1	4.5~6.2	6.2
100	4"	103.4~107.6	3.0~3.8	6.2	100.9~105.1	4.3~5.7	6.2
150	6"	152.9~159.1	3.8~5.6	6.1	150.8~157.0	5.3~7.3	6.2
200	8"	203.1~211.3	5.0~6.4	6.1	201.~207.7	6.9~8.7	6.2
250	10"	258.7~267.7	6.1~7.7	6.1	255.2~262.0	8.5~11.9	6.2
300	12"	308.8~318.2	5.9~7.5	6.1	303.1~309.9	11.3~14.4	6.1
350	14"	338.1~344.3	5.8~7.4	2.2	-	-	-
400	16"	385.6~391.8	6.4~8.1	2.2	380.3~386.5	11.0~14.0	2.2
450	18"	441.8~448	8.7~11.1	2.2	-	-	-
500	20"	-	-	-	481.6~488.4	12.8~16.3	2.2
-	24"	-	-	-	586.9~595.2	12.3~15.7	2.2
-	30"	-	-	-	730.5~740.7	12.9~16.4	1.2

- The liner from 2" ~ 8" is according to sch.40; and from 10" ~ will be according to sch.20.

Material property

Item	Specific Gravity	Elongation (%)	Tensile strength (kgf/cm ²)
Test method	ASTM D792	ASTM D638	ASTM D638
PTFE	2.14~2.17	200~400	210~350