PTFE Pipe Liner

PTFE pipe liner is formed with the special molding. The available sizes range from 2" ~ 20" are applied to lined metal pipes.

Feature:

- After process, there is no stress remaining in the pipe substrate, the physical and mechanical strength of longitude and latitude are equal. Therefore, the size of pipe would not be changed when assembled or used in the high temperature condition.
- The liner is suitable for lining 6M/2M long pipe which is longer than the same class product offered by other suppliers. Therefore, pipe suppliers can use less flanges to meet the length requirement. They can:
 - 1. Save time for flanges connection, materials assembly and the mechanic operation.
 - 2. Save time for PTFE pipe flaring and reduce the material wastage.
 - 3. Make the assembly efficiently as there are fewer flanges for connection.

Specification:

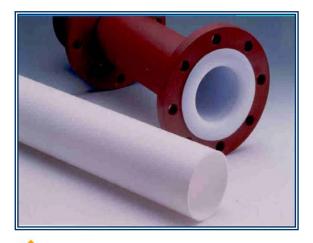
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Size		Standard wall		Length	Heavy wall		Length
mm	Inch	OD (mm)	T (mm)	(m)	OD (mm)	T (mm)	(m)
50	2"	55.4	3.2	6.10	54.1	4.3	6.10
80	3"	84.0	3.3	6.10	80.9	5.0	6.10
100	4"	107.6	3.5	6.10	104.6	4.9	6.10
150	6"	155.3	4.2	6.10	154.8	6.0	6.10
200	8"	205.6	6.0	6.10	207.1	7.6	6.10
250	10"	262.3	6.5	6.10	261.0	9.5	6.10
300	12"	313.0	6.5	6.10	312.0	12.0	6.10
350	14"	343.0	6.2	2.20			
400	16"	392.0	6.5	2.20	390.0	12.0	2.20
450	18"	445.6	10.0	2.20			
500	20"				492.0	14.0	2.20

^{*} Tolerance (liner's OD): below than 6" (inclusive) \pm 2%; 8" (inclusive) and above sizes \pm 2.5%. Thickness \pm 12%.

Material property:

1 1 2						
ltem	Specific	Elongation	Tensile strength			
	Gravity	(%)	(kgf/cm2)			
Test	ASTM	ASTM	ASTM			
method	D792	D638	D638			
PTFE	2.14~2.17	200~400	210~350			





ALLIED SUPREME CORP.

4FL., NO.12, MING-TSU E.RD.,

TAIPEI, TAIWAN, R.O.C.

TEL: +886-2-2597-6222(REP)

FAX: +886-2-2595-5626

http://www.alliedsupreme.com

Email: sales@alliedsupreme.com

^{*} Length maybe varied but averagely 6.10 M.

^{*}The liner from 2" ~ 8" is according to sch.40; and from 10"

^{~ 20&}quot; will be according to sch.20.