

Dual Wall Tubing

**GAPT**

*Adhesive lined  
Semi-rigid tubing for  
pipe protection*

**Features**

- ◎ 1.6:1 shrink ratios
- ◎ RoHS compliant



**Applications**

*Specially designed for protection of automotive metal pipes and fuel lines against environment damages.*

*This dual wall frame can effectively protect the pipes against any kinds of damages caused by vibration, friction, corrosion and thus improve the reliability of these pipes.*

**Specification/Approvals**

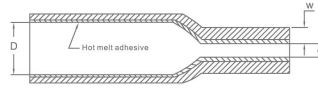
600V

**Operating Temp**

-40°C to 80°C

**Typical technical performances**

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	12MPa minimum
Ultimate elongation	ASTM D 2671	200% minimum
Tensile strength Elongation after Heat aging 120°C /124hrs	UL 224	12MPa minimum 270% minimum
Deformation resistance	UL 224	50% minimum
Impact resistance	ASTM D 746	No cracking at -35°C /1hr
Stress cracking resistance	ASTM D 1693	No cracking at 50°C /24hrs
Fluid resistance	Sulphuric acid Break fluid(honda) Unleaded petrol Sodium hydroxide(0.1N)	No cracking after 25°C /72hrs



### Dimensions

Size(mm)	As supplied(mm)		After recovered (mm)	
	D*(Min.)	d*(Max.)	w*(Min.)	A*(nom.)
6	6.5	4.5	1.1	0.2
8	8.5	6.0	1.2	0.2
10	11.5	7.0	1.2	0.2
13	13.0	7.8	1.4	0.2
15	15.0	9.5	1.4	0.2

D\* = Inner diameter as supplied  
d\* = Inner diameter after fully recovered  
w\* = Total wall thickness after fully recovered  
A\* = Adhesive thickness after fully recovered

### Ordering information

Color	Standard	Black
Standard packaging	In 1.2-meter [4-foot] lengths or on spools.	
Ordering description	Specify product name, size and color (for example, GAPT 6.0 Black)	

\* Other cutting length are available on request.