

## Q5-2000

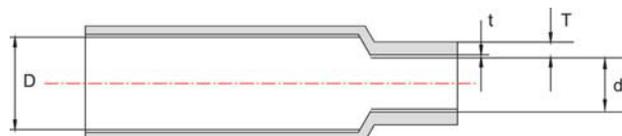


**DUAL WALL, ADHESIVE LINED, POLYOLEFIN TUBING FOR BRAKE LINE PROTECTION**  
**SHRINK RATIO 1.5:1**

### Features/Applications

Designed for protection of automotive metal pipes and fuel lines. It can effectively protect the pipes and lines against many types of damage caused by vibration, friction and corrosion plus greatly improves the safety of the auto.

- Operating temperature: -55°C to +105°C
- Minimum shrink temperature: 100°C
- Full recovery temperature: 120°C
- Standard color: Black
- RoHS Compliant



Technical Data		
Property	Test Method	Typical Data
Operating Temperature	IEC 216	-55°C to +105°C
Longitudinal Shrinkage	UL 224	0 to -6%
Eccentricity	ASTM D 2671	≤ 30%
Tensile Strength	ASTM D 2671	12MPa (min.)
Elongation at Break	ASTM D 2671	300% (min.)
Heat Aging	After 24 hrs. at 120°C	12MPa (min.)
Deformation Resistance	-	50% (min.)
Impact Resistance	ASTM D 746	No cracking at -35°C
Drop Impact Resistance	-	No cracking
Cold Resistance (-35°C, 1hr.)	ASTM D 746	No cracking
Stress Cracking Resistance (50°C, 24 hrs.)	ASTM D 1693	No cracking
Fluid Resistance	ASTM D 2671 25°C, 72 hrs. Brake fluid (Honda) Unleaded petrol	Tensile strength 12MPa (min.) Ultimate elongation 300% (min.) Tensile strength 7.8MPa (min.) Ultimate elongation 150% (min.)

Product Dimensions							
Size (mm)	Standard Pipe Diameter		As Supplied (mm) Inside Diameter D (min.)	After Recovered (mm)			Standard Spool *(SS) (Meter)
	inch	mm		Inside Diameter d (max.)	Wall Thickness T (nom.)	Adhesive Thickness t (nom.)	
5	1/8	3.50	5.5	3.3	1.0	0.2	200
6	3/16	4.76	6.5	4.6	1.1	0.2	200
8	1/4	6.35	8.5	6.0	1.2	0.2	100
10	5/16	8.00	11.5	7.0	1.2	0.2	100
15	3/8	10.00	15.0	9.5	1.3	0.2	**

**Notes:**

1. \* See Part Number Guide for standard packaging codes.
2. Special sizes, packaging, colors and cut pieces are available upon request.
3. \*\* Non spooled - 4 foot length