



A4 Protective Heat Shrink Tube for Air-Conditioning Pipe

Features

- Abrasion resistance polyolefin material
- Excellent corrosion resistance
- Eliminates noise and vibration
- Adheres to aluminum pipe when bent
- Halogen free
- Operating temperature: -55~135°C
- Shrink temperature: 125°C
- Shrink ratio: ≥2:1
- RoHS compliant

Dimensions

Reference UPM A4	As supplied(mm) ID min.	After recovered(mm) ID max. WT nom.	Standard length m/spool
12/6	12.0	6.0 0.8	50
19/6	19.0	6.0 0.8	50
19.0/7.8	19.0	7.8 0.8	50
19.0/9.5	19.0	9.5 0.8	50
21.0/7.8	21.0	7.8 0.8	50
22.0/7.5	22.0	7.5 1.0	50
22.0/12.7	22.0	12.7 0.7	50
25.4/9.5	25.4	9.5 0.7	50
26.0/7.8	26.0	7.8 1.0	50
27.0/12.7	27.0	12.7 0.7	50
32.0/16.0	32.0	16.0 0.9	50
38.1/19.0	38.1	19.0 1.0	50
40.0/14.0	40.0	14.0 0.9	50

● ID=Internal Diameter

● WT= Wall Thickness

Technical Data

	Property	Test Method	Values
Physical	Tensile strength	ASTM D2671	≥17 MPa
	Breakdown elongation	ASTM D2671	≥400%
Aging (158 °C/168hrs)	Tensile strength	ASTM D2671	≥15 MPa
	Breakdown elongation	ASTM D2671	≥300%
	Density	ASTM D792	0.95~1.05
	Thermal endurance	IEC 216	125 °C
	Water absorption (23°C/24hrs)	ASTM D570	≤0.1%
	Heat shock (200°C/4hrs)	ASTM D2671	No drop, No flow
	Low temperature flexibility (-55°C/4hrs)	ASTM D2671	No cracking
	Abrasion resistance	Volkswagen standard	144000 times pass
	Halogen free	IEC 61249-2-21	Cl:900ppm max.
			Br:900ppm max. Total (Cl+Br):1500ppm max.
Electrical	Volume resistivity	ASTM D2671	≥10 ¹⁵ Ω.cm
	Dielectric strength (in insulation oil)	ASTM D2671	≥20KV/mm

Typical application

- Ideal for external protection of automotive air-conditioning pipes

Ordering

- Standard color : Black
- Standard packaging on spools.
- Please specify specification, color, quantity when ordering

Cross reference

- DSG Canusa : Deray® HBNS(HB)



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