

Heat Shrink for Automotive Parts

YM383A Y-shaped shrink sleeve

Introduction

Soft polyolefin material, lined with hot melt adhesive; used for insulation and sealing protection at the bifurcation (tap) of high-voltage cables of electric vehicles; Easy installation, long-lasting plus reliable insulation and sealing.

Features

- Operating temperature: -55~135 °C
- Minimum full recovery temperature: 125 °C
- Environmentally friendly, ELV & RoHS compliant
- Standard color: Black, other colors can be customized

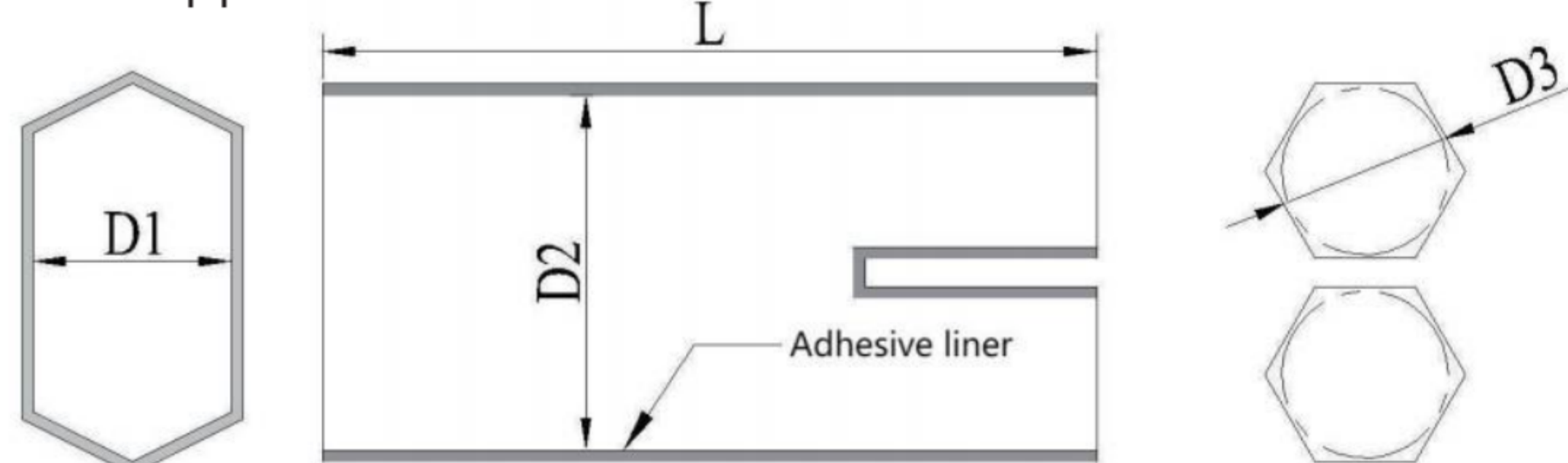
Dimensions

Part No.	As supplied (mm)				After recovered (mm)								
	D1(min.)	D2(±5)	D3(min.)	L(-10/+5)	H(max.)	J/K(max.)	P(±5)	M(±5)	S(±5)	T(nom.)	N(nom.)	R(nom.)	W(nom.)
YM383A101	10	30	10	65	7	7	70	40	30	12	22	18	2

Technical Data

Property	Test method	Requirement
Tensile strength	ASTM D2671	≥10.3 MPa
Ultimate elongation	ASTM D2671	≥250%
Heat Aging (136°C/168h)	ASTM D2671	
Tensile Strength		≥8.3 MPa
Ultimate Elongation		≥200%
Water absorption (23°C/24h)	ASTM D570	≤0.5%
Fungus resistance	ASTM G21	Not less rate 1
Low-temperature flexibility (-55°C/4h)	ASTM D2671	No cracking
Heat shock (225°C/4h)	ASTM D2671	No cracking, dripping or flowing
Dielectric strength	ASTM D2671	≥7.9 kV/mm
Volume resistivity	ASTM D2671	≥1.0×10 ¹⁴ Ω.cm
Flammability	ASTM D2671 Procedure B	Self-extinguishing within 150S
Fluid resistance	ASTM D2671	
Tensile Strength		≥8.3 MPa
Ultimate Elongation		≥200%

As Supplied



Fully Recovery

