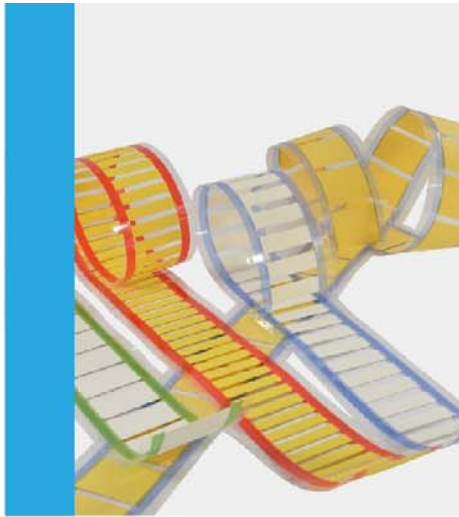


IDS-FR Fluid Resistant Heat Shrinkable Polyolefin Identification Sleeves

Features

- Cross linked polyolefin
- Highly flame-retardant, Fluid resistant
- Excellent printing property, permanent identification.
- Excellent electrical, physical, chemical and printing properties.
- RoHS and REACH compliant
- Operating temperature: -55~135°C
- Shrink temperature: 120°C
- Shrink Ratio: 3:1

Standards

- UL224 125°C 600V
- SAE AS 81531, MIL-STD-202
- SAE AMS-DTL-23053/5

Dimensions

Reference UPM IDS-FR	As supplied(mm) ID min.	After recovered(mm) ID max.	Size for conductor mm
2.4	2.4	0.8	0.9-2.0
3.2	3.2	1.1	1.1-2.7
4.8	4.8	1.6	1.8-4.1
6.4	6.4	2.1	2.3-5.5
9.5	9.5	3.2	3.5-8.1
12.7	12.7	4.2	4.6-10.8
19.1	19.1	6.3	7.0-16.3
25.4	25.4	8.5	9.3-21.6

- ID=Internal Diameter

Technical Data

	Property	Test Method	Values
Physical	Longitudinal shrinkage	ASTM D 2671	≤5%
	Tensile strength	ASTM D 2671	≥13MPa
	Breakdown elongation	ASTM D 2671	≥400%
	Breakdown elongation	ASTM D 2671	≥300%
	Heat shock	ASTM D 2671	No cracking
	Low temperature flexibility(-55°C/4hrs)	ASTM D 2671	No cracking
Electrical	Dielectric voltage withstand	ASTM D 2671	2500V,60s No breakdown
	Volume resistivity	ASTM D 2671	≥10 ¹⁴ Ω.cm
	Dielectric strength	ASTM D 2671	≥25 KV/mm
Chemical	Flammability	ASTM D 2671	Self extinguish in 15s
	Copper corrosion	ASTM D 2671	No corrosion
	Printing performance	SAE AS81531 MIL-STD-202	50 rubs, legible 30 strokes, legible
	Fluids resistance (23°C/24hrs)	SAE AS81531	Printing legible

Typical application

- Ideal for identification of wire and cables in aerospace ,military,railway,construction industry where exposure to organic fluids, especially oils, is required.

Ordering

- Standard color : White, Yellow
- Standard packaging on spools
- Please specify specification,color,quantity when ordering



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