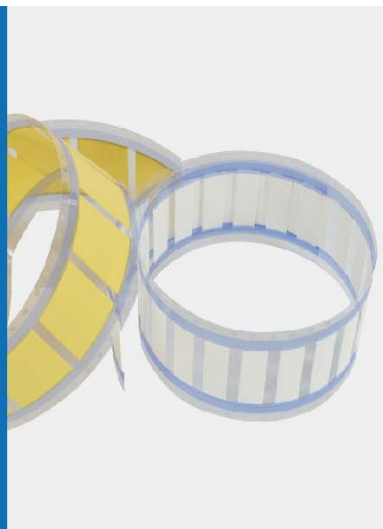




IDS-HT225 Military Grade High-temperature Resistant Heat Shrinkable Identification Sleeves

Features

- Cross linked fluoropolymer
- Highly flame-retardant, Fluid resistant
- Excellent printing property, permanent identification
- Excellent electrical, physical, chemical properties
- High continuous operating temperature.
- Operating temperature: -55~225 °C
- Shrink temperature: 200°C
- Shrink Ratio : 2:1
- Military grade
- RoHS and REACH compliant

Standards

- SAE AS 81531
- MIL-STD-202

Dimensions

Reference UPM IDS-HT225	As supplied(mm) ID min.	After recovered(mm) ID max.	Size for conductor mm
2.4	2.4	0.8	0.8-2.0
3.2	3.2	1.6	1.7-2.7
4.8	4.8	2.4	2.5-4.5
6.4	6.4	3.2	3.4-6.0
9.5	9.5	4.8	5.0-9.0
12.7	12.7	6.4	6.6-12.0
19.1	19.1	9.5	9.9-18.5
25.4	25.4	12.7	13.0-24.5
38.1	38.1	19.1	21.0-37.0
50.8	50.8	25.4	27.0-48.0

- ID=Internal Diameter

Technical Data

	Property	Test Method	Values
Physical	Longitudinal shrinkage	ASTM D 2671	≤5%
	Tensile strength	ASTM D 2671	≥24 MPa
	Breakdown elongation	ASTM D 2671	≥300%
	Breakdown elongation	ASTM D 2671	≥200%
	Heat shock(275°C/4hrs)	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 ¹² Ω.cm
Chemical	Flammability	ASTM D 2671	Self-extinguish in 15s
	Copper corrosion	ASTM D2671	No corrosion
	Printing performance	SAE AS81531	100 rubs, legible
	Printing performance	MIL-STD-202	100 strokes, legible
	Fluids resistance (23°C/24hrs)	SAE AS81531	Printing legible

Typical application

- Suitable for high performance identification of wire and cables in high temperature applications of industry, military, aerospace or where extreme resistance to fuels, lubricants and cleaning solvents is required.

Ordering

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



<http://www.Union-Polymer.com>
 Phone: (513) 899 1618
 Email: Info@Union-Polymer.com