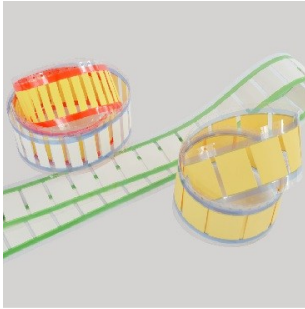



UPIDS-135

MILITARY GRADE UV PROTECTION HEAT SHRINKABLE IDENTIFICATION SLEEVE






Heat shrink ratio 2:1 & 3:1

Military grade, cross-linked polyolefin

Flame retardant meets UL224 VW-1 standards

FEATURES AND APPLICATIONS

- Suitable for the identification of wires and cables for a wide variety of applications including military, aerospace and general rail applications, presented as cut sleeves organized in a ladder format
- Excellent printing property, permanent identification
- RoHS and REACH compliant
- Standard color: White and Yellow; Other colors are available on request
- Operating temperature: -55°C to 135°C; Shrink temperature: 110°C
- UL file number: E341796

DIMENSIONS (HEAT SHRINK RATIO 2:1 & 3:1)

Product Name	As supplied (mm)	After recovered (mm)	Size for Conductor (mm)
UPIDS-135	Internal Diameter (min)	Internal Diameter (max)	
Heat Shrink ratio: 2 to 1			
2.4	2.4	1.2	1.3-2.3
3.2	3.2	1.6	1.7-3.1
4.8	4.8	2.4	2.5-4.7
6.4	6.4	3.2	3.3-6.3
9.5	9.5	4.8	4.9-9.0
12.7	12.7	6.4	6.6-12.0
19.1	19.1	9.5	10.0-18.5
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
Heat Shrink ratio: 3 to 1			
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
38.1	38.1	13.5	15.0-33.0
50.8	50.8	17.5	19.0-48.0

TECHNICAL DATA

	Property	Test Method	Values
Physical	Longitudinal shrinkage	ASTM D2671	≤ 5%
	Tensile strength	ASTM D2671	≥ 12 MPa
	Breakdown elongation	ASTM D2671	≥ 400%
Aging (175°C/168 hrs)	Breakdown elongation	ASTM D2671	≥ 400%
	Heat shock	ASTM D2671	No cracking
	Low temperature flexibility (−55°C for 4 hrs)	ASTM D2671	No cracking
Electrical	Dielectric voltage withstand	ASTM D2671	2500V, 60s, No breakdown
	Volume resistivity	ASTM D2671	≥ 10 ¹⁴ Ω.cm
	Dielectric strength	ASTM D2671	≥ 25 KV/mm
Chemical	Flammability	ASTM D2671	Self-extinguish in 60s
	Copper corrosion	ASTM D2671	No corrosion
	Printing performance	SAE AS81531	50 rubs, legible
		MIL-STD-202	30 strokes, legible
	Fluids resistance (23°C/24 hrs)	SAE AS81531	Printing legible

ORDERING

- Standard color: White and Yellow; other colors are available on request
- Please specify:
 - ◆ Product Name
 - ◆ Heat shrink ratio
 - ◆ Dimension
 - ◆ Color
 - ◆ Quantity

Once a purchase order is received

Order confirmation will be sent from Union Polymer within 12 hours

All in-stock products will be shipped within 48 hours