

Thermal Memory Ltd

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HST-U

An ultra thin wall, rigid heat shrinkable layflat sleeving designed for use on Ni-cad battery packs and for tamper-proofing in food related industries.

| Operating temperature HST-U : -20°C to +85°C | Minimum shrink temperature: +80°C |

SIZES LAY-FLAT-WIDTH		SIZES WALL THICKNESS							LENGTH PER REEL						
mm		mm							mtr						
from	to	0,07	0,10	0,13	0,15	0,18	0,20	0,30	0,07	0,10	0,13	0,15	0,18	0,20	0,30
8,5	10,0	x	x						300	200	-	-	-	-	-
10,5	13,5	x	x						400	300	-	-	-	-	-
14,0	16,5	x	x	x	x				400	300	200	200	-	-	-
17,0	19,5	x	x	x	x	x			400	300	200	200	100	-	-
20,0	24,5	x	x	x	x	x			400	300	200	200	100	-	-
25,0	29,5	x	x	x	x	x	x		400	300	200	200	100	100	-
30,0	34,5	x	x	x	x	x	x		400	300	200	200	100	100	-
35,0	39,5	x	x	x	x	x	x		400	300	200	200	100	100	-
40,0	99,5	x	x	x	x	x	x	x	400	300	200	200	100	100	100
100,0	109,5	x	x	x	x	x	x	x	300	200	200	200	100	100	100
110,0	250,0	x	x	x	x	x	x	x	300	200	200	200	100	100	100

Technical Data

Physical








Property	Test Method	Typical Performance
Tensile Strength	IEC 60684-2	21,0 MPa
Elongation	IEC 60684-2	70-120%
Longitudinal Change	ASTM-D 2671	-20% max.
Specific Gravity	ASTM-D 792, A1	1,45 g/cm ³ max.
Flammability	UL 224	flame retardant

Electrical

Property	Test Method	Typical Performance coloured
Dielectric Strength	VDE 0303 Part 2	20 kV/mm
Volume Resistivity	VDE 0303 Part 3	10 ¹⁴ Ω x cm
Dielectric Constant		3,35

Chemical

Property	Test Method	Typical Performance coloured
Chemical Resistance		good
Water Absorption	VDE 0472	0,70%

Standard Colours							Special Colours
black	clear	red	yellow	blue	white	green	On Request
							

Printability	Hot stamp	Ink jet	Offset
	-	good	good