



DX Electric – ML3-HST

3:1 SHRINK RATIO, DUAL-WALL, FLAME RETARDANT, POLYOLEFIN TUBING Applications

DX Electric – ML3-HST is a flexible, high shrink ratio, flame retardant heat shrinkable polyolefin tube with an adhesive lining which flows when heated. It is suitable to seal and protect a wide variety of electrical applications, including wire splices, breakouts, and connectors-to-cable transitions.

Features

- Shrink ratio: 67% or more in the radial direction, 15% or less in the axial direction
- In stock for immediate shipments
- Continuous operating temperature: - 55°C (-67°F) to 110°C (230°F)
- Flammability: UL VW-1 (Jacket only)
- Excellent electrical properties
- High resistance to abrasion, chemical and oils

Standard

- AMS-DTL-23053/4 Class 3 (**Formerly MIL-DTL-23053/4 Class 3**)
- UL 224
- RoHS Compliant

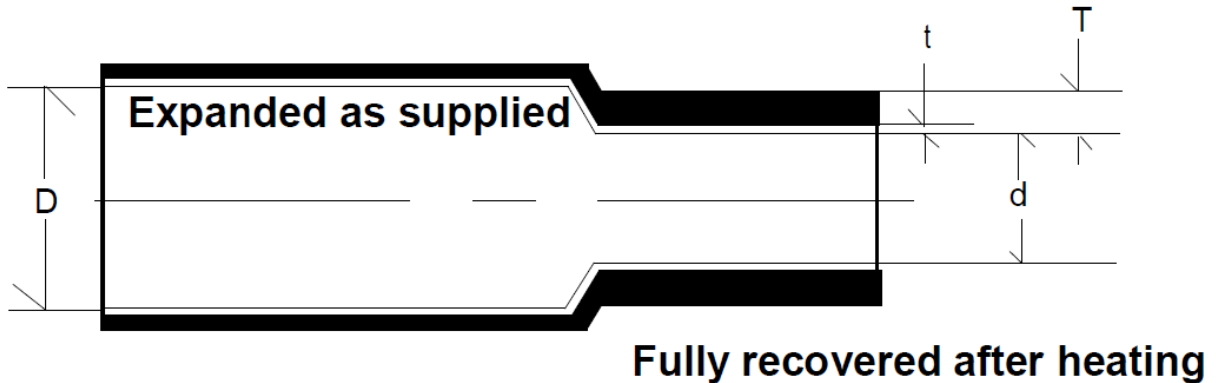
Specification Values

Property			Test Method	Value
Physical	Unaged	Tensile strength	ASTM D 638	Min. 1300 psi
		Elongation		Min. 250%
	Fluid Resist.	Tensile strength	ASTM D 638	Min. 900 psi
		Dielectric strength	ASTM D2671	Min. 200 Volts/mil
	Heat shock		250°C/4 hrs	No cracks, flowing, or dripping
	Low temperature flex		ASTM D746	No crack @ -55°C
	Secant Modulus		ASTM 882	Max. 25,000 psi
Electrical	Dielectric strength		ASTM D2671	Min. 300 Volts/mil
	Volume resistivity		ASTM D876	Min. $1 \times 10^{12} \Omega$ - cm
Chemical	Copper corrosion		121°C/16hrs	No corrosion
	Fungus resistance		ASTM G21	No growth
	Water Absorption		ASTM D570	Max. 1.0%
	Flammability		ASTM D2671	Pass



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Product Dimensions

Minimum Shrink Temperature: 120°C

Size	Expanded		Recovered						Standard Length
	Internal Diameter (min.) (D)		Internal Diameter (max.) (D)		Total Wall Thickness (Nominal) (T)		Wall Thickness Adhesive Wall (Nominal) (t)		
	In.	mm	In.	mm	In.	mm	In.	mm	
Inch Size									Ft.
1/8"	0.125	3.2	0.038	0.98	0.040	1.00	0.015	0.40	4
3/16"	0.188	4.8	0.060	1.52	0.040	1.00	0.019	0.50	4
1/4"	0.251	6.4	0.079	2.00	0.040	1.00	0.023	0.59	4
3/8"	0.374	9.5	0.118	3.00	0.047	1.20	0.025	0.65	4
1/2"	0.503	12.8	0.156	3.98	0.056	1.43	0.031	0.79	4
3/4"	0.767	19.5	0.236	6.00	0.078	2.00	0.042	1.09	4
1"	1.000	25.4	0.314	8.00	0.079	2.03	0.037	0.93	4
1-1/2"	1.570	40.0	0.510	12.95	0.090	2.30	0.047	1.20	4

Standard Color: Black

Other colors available by special request

Standard Length: 4 ft. sticks