

M TK160

SCHEDA TECNICA

CARATTERISTICHE:

- RATIO 2:1
- UL AND ROHS COMPLIANT
- OPERATING TEMPERATURE: -55° +125°
- MINIMUM SHRINKING TEMPERATURE: 70°
- 170 PEZZI

Application

It is customized mini-packing, mainly for MRO (Maintenance, Repair and Operation) market. HP-HST is flexible, flame-retardant polyolefin heat shrinkable tubing. It is low smoke generating, abrasion resistant, and dioxin-free in case of burning. HP-HST(2X) has excellent electrical and physical properties, including excellent acid and corrosion resistance. HP-HST(2X) is suitable for insulation application in automotive electronics, terminal lugs, small electrical parts, lead wires of motors and transformers, etc. This product is UL listed under file number E361230.

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Tensile strength (Room temp.)	Min. 10.4Mpa	UL224	12Mpa
Elongation at break (Room temp.)	Min. 200%	UL224	400%
Tensile strength after aging (158°C 168hrs)	Min. 7.3Mpa	UL224	10.4Mpa
Elongation after aging (158°C 168hrs)	Min. 100%	UL224	300%
Voltage withstand (Un-aged)	Withstand 2.5kV for 1 minute and breakdown	UL224	Pass
Voltage withstand (Aged)	Withstand at least half of un-aged breakdown voltage for 1 minute and breakdown	UL224	Pass
Corrosion (158°C 168hrs)	No corrosion	UL224	No sign of deg.
Longitudinal shrinkage	≤ 10%	UL224	≤ 5%
Low-temperature flexibility (-55°C 4hrs)	No cracking	UL224	Pass
Flammability	VW-1	UL1581	Pass
Volume resistivity	Min. 10 ¹⁴ Ω·m	UL224	Pass
Heat shock (225°C 4hrs)	No cracking	ASTM D2671	Pass
Dielectric strength	>19.7kV/mm	ASTM D2671	>25kV/mm

No.	Details	Colors	PCS/Set	mm/PCS	m/Set
1	1.2/0.6	Red/Yellow/Black /White/Blue	60	100	6
2	2.4/1.2		40	100	4
3	3.2/1.6		30	100	3
4	4.8/2.4		20	100	2
5	6.4/3.2		10	100	1
6	9.5/4.8		10	100	1
Total			170		17

Standard color: Red, Blue, Yellow, Black, White.

