

# M TK160-N

# SCHEDA TECNICA

## CARATTERISTICHE:

- RATIO 2:1
- OPERATING TEMPERATURE: -55°+125°
- MINIMUM SHRINK TEMPERATURE: 70°
- 170 PEZZI

### Application

It is customized mini-packing, mainly for MRO (Maintenance, Repair and Operation) market. HP-HST(2X) 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 <sup>14</sup> 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	Black	60	100	6
2	2.4/1.2	Black	40	100	4
3	3.2/1.6	Black	30	100	3
4	4.8/2.4	Black	20	100	2
5	6.4/3.2	Black	10	100	1
6	9.5/4.8	Black	10	100	1
Total			170		17

Standard color: Black.

