



## Guangzhou KeHong Electric Co.,Ltd.

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### KHES-2000 (Tyco ES 2000 Equivalent)



High-Shrink-Ratio, Adhesive-Lined

Semi rigid polyolefin Tubing

4:1 shrink ration allows a few sizes to cover a wide range of splice and component diameters, mechanically tough tubing provides train relief and abrasion protection of wire splices, terminals and other components, adhesive-lined against fluids, moisture and other contaminants.

#### Features:

4:1 Very high shrink ratio

Longitudinal shrink 8%

Out jacket flame retardant

Continuous operating temperature -45 to 125°C

Shrink temperature : 120°C

#### Dimension

Specification		As supply ID(mm)	After shrinking datas (mm)			Length
ID (mm)	ID( inch)	Min.	ID max.	Total wall thickness	Adhesive layer thickness	M/roll or PCS
4	0.16	4	1	1.4±0.3	0.6±0.2	200
5.75	0.24	5.8	1.27	1.7±0.3	0.8±0.2	100
7.4	0.32	7.4	1.65	2±0.3	0.95±0.2	100
10.8	0.39	10.8	2	2.45±0.4	1.1±0.2	50
12	0.47	12	2.41	2.45±0.4	1.2±0.2	1.22
14	0.55	14	3.5	2.6±0.4	1.2±0.2	1.22
16	0.63	16	4	2.85±0.4	1.6±0.2	1.22
17.78	0.71	17.8	4.2	2.6±0.4	1.34±0.2	1.22



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### Technical Data

Property	Test Method	Standard
Tensile Strength (MPa)	ASTM D2671	≥12
Elongation	ASTM D2671	≥300
Tensile Strength after aging (MPa)	UL224 158°C for 168hr	≥7.3
Elongation after aging (%)	UL224 158°C for 168hr	≥200
Dielectric strength (kv/mm)	IEC243	≥15
Volume resistivity (Ω.cm)	ASTM D876	≥1×10 <sup>14</sup>

### Hot Melt Adhesive Property

Property	Test Method	Standard
Water Absorption	ASTM D570	0.2%
Soft point	ASTM E8	95°C
Strength of pearing (PE)	ASTM D1000	120N/25mm
Strength of pearing(AL)	ASTM D1000	80N/25mm