

KeHong Enterprises Co.,Ltd.

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KHA3-H

HEAVY WALL HEAT SHRINKABLE TUBEING

With / without adhesive

Features/ Applications

With excellent insulating, environmental sealing, and resistant to impact and abrasion for applications to seal and protect electrical and communication connections, HRA3-H providing excellent mechanical protection to cable terminations and joints, 3:1 shrink ratio allows it easily fit over irregular shape and large connectors, recommended to apply for light cable and wire harnesses, waterproofing, protection of connector components, and seals components contained within the tubing.

Resistant to UV-radiation

High electrical insulation

Superior mechanical property

Minimum fully recovery temperature:120°C

Standard color: Black

Thermoplastic Adhesive

Property	Test Method	Typical Data
Water absorption	ISO62	<0.2%
Softening point	ASTM D E28	85°C
Peel strength(PE)	DIN 30672	4N/cm
Copper stability	ASTMD2671	Non-corrosive
Resistance to fungus and decay	ISO846	Pass

Technical Data

Property	Test Method	Typical Data
Operation temperature	IEC216	-55°C to 110°C
Tensile strength	ASTMD2671	≥14MPa
Tensile strength after aging (150°C/168hrs)	ASTMD2671	≥12MPa
Elongation at break	ASTMD2671	≥400%
Elongation at break after aging (150°C/168hrs)	ASTMD2671	≥300%
Density	ASTMD792	1.05g/cm ³
Longitudinal shrinkage	UL224	0 to-10%
Dielectric strength	IEC243	≥20kv/mm
Volume resistance	IEC93	>10 ¹⁴ Ω.cm
Eccentricity	ASTMD2671	<30%

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Copper stability	ASTMD2671	Pass
Resistance to stress cracking (50°C)	ASTMD1693	No cracking
Water absorption(23°C/14days)	ISO62	<0.15%

Products Size:

Normal size (mm)	As supplied (mm) ID(Min.)	After recovered (mm) ID (Max.)	After recovered Wall thickness (mm)(Min.)
KHA3-H 9/3	9	3	1.8
KHA3-H 13/4	13	4	2.4
KHA3-H 22/6	22	6	2.7
KHA3-H 33/8	33	8	3.2
KHA3-H 40/12	40	12	4.1
KHA3-H 45/12	45	12	4.1
KHA3-H 55/16	55	16	4.1
KHA3-H 65/19	65	19	4.1
KHA3-H 75/22	75	22	4.1
KHA3-H 85/25	85	25	4.3
KHA3-H 95/30	95	30	4.3
KHA3-H 105/30	105	30	4.3
KHA3-H 130/36	130	36	4.3
KHA3-H 160/50	160	50	4.3
KHA3-H 180/50	180	50	4.3
KHA3-H 200/60	200	60	4.3
KHA3-H 235/65	235	65	4.5
KHA3-H 265/75	265	75	4.5
KHA3-H 300/85	300	85	4.5
KHA3-H 350/100	350	100	4.5