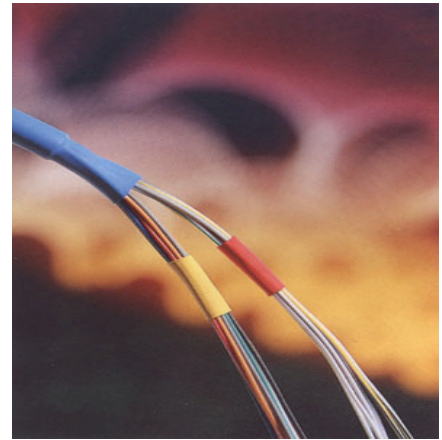


# KEHS – 225 DATA SHEET

KEHS-225 is a very flexible, flame-retardant, radiation cross - linked heat shrinkable Polyolefin Tube. It is designed for a wide range of applications including insulation of electric and electronic parts. such as wire strain relief, wire terminal resistors and binding of Wires.



## DESIGN

shrink ratio : 50% or more in the radial direction

7% or less in the axial direction

operation temperature : -55°C to 125°C

high resistance to chemicals and oils.

standard : UL 224 (File No. E221576)

## ■ SPECIFICATION VALUES

Properties	Condition	Value
<b>1) Physical</b>		
Tensile strength	ASTM D 638	>1.05 kgf/mm <sup>2</sup>
Elongation	"	>200%
-After aging	158°C 168hrs	
Tensile strength	ASTM D 638	>70% of original
Elongation	"	>100%
Deformation	125°C 1hr	>50%
Heat shock	136°C 1hr	No cracks
Cold bend	-10°C 1hr	No cracks
<b>2) Electrical</b>		
Dielectric strength	—	>2.5kv
Volume resistivity	—	>10Ω-cm
<b>3) Chemical</b>		pass
Corrosion of bare copper		>100% elongation
copper stability		pass

## STANDARD SIZES

SIZE (m/m)	As supplied (mm)		After shrinkage		Standard Length	
	Inside diameter	Wall thickness	Inside diameter	Wall thickness	R/L	CUT
0.8	1.2	0.17	0.4	0.35	200	1
1.0	1.5	0.17	0.5	0.35	200	1
1.2	1.7	0.2	0.65	0.4	200	1
1.5	2.1	0.2	0.85	0.4	200	1
2	2.6	0.2	1.3	0.4	100	1
2.5	2.9	0.25	1.45	0.5	100	1
3	3.5	0.25	1.75	0.5	100	1
4	4.5	0.25	2.25	0.5	100	1
4.5	5.1	0.25	2.55	0.5	100	1
5	5.7	0.25	2.75	0.5	100	1
6	6.7	0.25	3.35	0.5	100	1
7	7.5	0.25	3.75	0.5	100	1
8	8.5	0.25	4.9	0.5	100	1
9	9.8	0.25	4.9	0.5	100	1
10	10.5	0.25	5.25	0.5	100	1
11	11.5	0.25	5.75	0.5	100	1
12	12.4	0.25	6.2	0.5	100	1
13	13.4	0.3	6.7	0.6	100	1
14	14.4	0.3	7.2	0.6	100	1
15	15.4	0.3	7.7	0.6	100	1
16	16.4	0.3	8.2	0.6	100	1
18	18.4	0.35	9.2	0.7	50	1
20	20.4	0.35	10.2	0.7	50	1
22	22.4	0.4	11.2	0.8	50	1
25	25.4	0.4	12.7	0.8	50	1
28	28.4	0.4	14.2	0.8	50	1
30	30.4	0.5	15.2	1.0	50	1
38	38.2	0.5	19.1	1.0	50	1
50	50.2	0.5	25.1	1.0	50	1
60	63.5	0.55	31.75	1.1	25	1
75	76.2	0.6	38.1	1.17	25	1
100	101.6	0.7	50.8	1.17	25	1
125	127	0.7	63.5	1.17	25	1