

RLCHF Thin Wall Low Cost Tubing

APPLICATIONS:

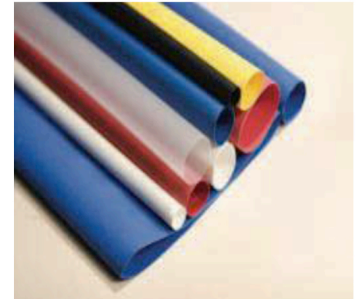
RLCHF is a highly flexible Polyolefin Heat Shrink Tubing (Halogen Free) This range of tubes is suitable for lightweight, light-duty electronic and electrical harnessing applications where flame retardant is not required.

GENERAL PROPERTIES OF PRODUCT:

- Low shrink temperature (90 °C)
- Constant operating temperature up to 100 °C
- Halogen Free product
- Meet ROHS Compliance

SPECIFICATIONS:

- Smoke Density - BS6853
- Halogen Acid Gas - IEC754 -1:1994



Product Dimensions

Part Number / Size	Supplied I.D.mm	Recovered I.D.mm	Recovered Wall Thickness(mm)	Meters/Spool
RLCHF 1.0/0.5	1.0 mm	0.5 mm	0.36 mm	200 m
RLCHF 1.5/0.75	1.5 mm	0.75 mm	0.36 mm	200 m
RLCHF 2.0/1.0	2.0 mm	1.0 mm	0.44 mm	200 m
RLCHF 2.5/1.2	2.5 mm	1.2 mm	0.44 mm	200 m
RLCHF 3.0/1.5	3.0 mm	1.5 mm	0.44 mm	200 m
RLCHF 3.5/1.7	3.5 mm	1.7 mm	0.44 mm	200 m
RLCHF 5.0/2.5	5.0 mm	2.5 mm	0.56 mm	100 m
RLCHF 6.0/3.0	6.0 mm	3.0 mm	0.56 mm	100 m
RLCHF 7.0/3.5	7.0 mm	3.5 mm	0.56 mm	50 m
RLCHF 8.0/4.0	8.0 mm	4.0 mm	0.56 mm	50 m
RLCHF 9.0/4.5	9.0 mm	4.5 mm	0.56 mm	50 m
RLCHF 10.0/5.0	10.0 mm	5.0 mm	0.56 mm	50 m
RLCHF 12.0/6.0	12.0 mm	6.0 mm	0.56 mm	50 m
RLCHF 13.0/6.5	13.0 mm	6.5 mm	0.69 mm	50 m
RLCHF 14.0/7.0	14.0 mm	7.0 mm	0.69 mm	50 m
RLCHF 16.0/8.0	16.0 mm	8.0 mm	0.69 mm	50 m
RLCHF 18.0/9.0	18.0 mm	9.0 mm	0.78 mm	50 m
RLCHF 20.0/10.0	20.0 mm	10.0 mm	0.78 mm	50 m
RLCHF 22.0/11.0	22.0 mm	11.0 mm	0.78 mm	50 m
RLCHF 25.0/12.5	25.0 mm	12.5 mm	0.86 mm	50 m
RLCHF 30.0/15.0	30.0 mm	15.0 mm	0.86 mm	50 m
RLCHF 40.0/20.0	40.0 mm	20.0 mm	0.96 mm	25 m
RLCHF 50.0/25.0	50.0 mm	25.0 mm	0.96 mm	25 m
RLCHF 76.0/38.0	76.0 mm	38.0 mm	1.27 mm	25 m
RLCHF 100/50.0	100.0 mm	50.0 mm	1.40 mm	25 m

Note: Tubes with I.D sizes: RLCHF 7.0/3.5mm to RLCHF 22.0/11.0mm are packed in 100 meters per spool for the Asia Pacific Market

Product Technical Data

PROPERTIES	TEST METHOD	TYPICAL VALUE
------------	-------------	---------------

Physical:

Tensile Strength	ASTM-D-638	14 N/mm ²
Water Absorption	ASTM-D-570	.15% Max.
Elongation	ASTM-D-638	300%
Low Temperature Flexibility	ASTM-D-2671	-55 °C
Specific Gravity	ASTM-D-792	1.1
Longitudinal Change	ASTM-D-638	-10%
Flammability	ASTM-D-2671	1

Thermal:

Operating Temperature	IEC216	-55°C to +125°C
-----------------------	--------	-----------------

Chemical:

Fungus Resistance	MIL-1-7444	Inert
Copper Corrosion	ASTM D 2671 B	XX
Chemical Resistance		X

Electrical :

Dielectric Strength	ASTM-D-2671	>20kV / mm
Dielectric Constant	ASTM-D-150	3.0 Max.
Volume Resistance	ASTM-D-257	10 ¹⁴ Ohm's / cm

Flamability:

Not Self Extinguishing	1
Flame Retarded	2
Self Extinguishing	3

Chemical Resistance and Copper Corrosion:

X	Satisfactory
XX	Good
XXX	Excellent

Disclaimer: The company reserves the rights to make changes to the products and their specifications with prior notice. The above information given corresponds to our actual knowledge and are according our knowledge is rendered correct and reliable. But they do not represent binding properties. Customers and end-users have to decide autonomously about application in the provided range. Under no circumstances is Radiform Insulation Industries Pte Ltd liable for any eventual, indirect or consequential damages arising from the sales, resales, transfer, use or misuse of the product. Our liabilities are limited to only in replacing products due to manufacturing defects.