

SCG Thin Wall Flame Retarded Tube



APPLICATIONS:

Light duty wire harnessing for electrical and electronic applications. Provides electrical insulation and protection for in-line components. Bundles wires and cables. Used as strain relief for electrical wire connection. Bus-bar insulation for switchgear. Color coding for wires, cables, terminals and components

GENERAL PROPERTIES OF PRODUCT:

- Shrink ratio 2:1
- Flame Retarded and self-extinguishing
- For Electrical Insulation up to 600 volts
- Resistance to chemical, copper corrosion and fungus
- UV stabilized
- Standard Colors: Black, White, Yellow, Red, Blue, Green and Clear.
- Other colors available upon request.
- Meet ROHS Compliance(except Yellow and Green)

SPECIFICATIONS:

MIL-1-23053/5 Class 2 & 3, UL224 125 deg. VW1, CSA C22.2 No. 198.1 OFT

| PROPERTIES | TEST METHOD | TYPICAL VALUE |
|-----------------------------|------------------------------|----------------------------------|
| Physical: | | |
| Tensile Strength | ASTM-D-638 M/mm ² | 16 Mpa. |
| 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 | 1.4 |
| Longitudinal Change | ASTM-D-638 | >3% |
| Flammability | ASTM-D-2671 | 3 |
| Thermal: | | |
| Operating Temperature | IEC216 | -55°C to +125°C |
| Heat Shock@ 250 °C 4 hrs | | No dripping, cracking or flowing |
| Chemical: | | |
| Fungus Resistance | MIL-1-7444 | Inert |
| Copper Corrosion | ASTM D 2671 B | XX |
| Chemical Resistance | | XX |
| Electrical : | | |
| Dielectric Strength | ASTM-D-2671 | >20kV / mm |
| Dielectric Constant | ASTM-D-150 | 3.0 Max. |
| Volume Resistance | ASTM-D-257 | 10 ⁴ 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 |

The above information corresponds to our actual knowledge and are according to 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 are Radiform Australia Pty Ltd and 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.



Copyright © 2010 Red2Go
All Rights Reserved • Our Partners