

TECHNICAL DATA SHEET

FC4937CHT

- Main Applications **HIGH TEMPERATURE CABLE SHEATHING**
Non Lead Stabilised
Free of substances listed in EC directive WEEE and ROHS.
- Specific Standards **BS 7655-4.1 Type TM3**
UL 105 °C rated

Properties	Standards	Typical Values
BSS @ 24hrs	BS2782:365A	49
Shore A15 @ 24 hrs	ASTM D2240/ISO868	71
Relative Density	Density Balance	1.37 g/cm ³
Tensile Strength	BS EN 60811-1-1	12.3 MPa
Elongation @ Break	BS EN 60811-1-1	320%
Cold Flex Temperature	BS2782:150B	-24°C
Cold Bend Temperature	BS2782:151A	-40°C
Volume Resistivity @ 23 °C	Ohm m	9.9 x 10 ¹⁰
Insulation resistance K Value @ 23 °C	MOhm Km	80
Heat Stability @ 200 °C	Congo Red Method	380 mins
Heat Aged Properties 7 Days @ 136 °C		
Change in Tensile Strength	BS EN 60811-1-2	+1.16%
Change in Elongation @ Break	BS EN 60811-1-2	-4.6%
Loss of Mass	BS EN 60811-3-2	0.32 mg/cm ²

* The information given on this data sheet is based on test figures achieved from pressed plaques and is the best of our knowledge true and accurate. However, since the conditions under which our products are used are beyond our control, any recommendations are made without warranty or guarantee. Achievement of the above performance figures depend upon processing conditions and users must satisfy themselves as to the suitability of our product for the intended application.