

## SETCD

Silicone elastomer covered tinned copper wire.

This range of wire is made from silicone elastomer extruded onto high conductivity solid or standard tinned copper wire.

These products have excellent flexibility, good insulation cut-through resistance. They have the ability to operate at high temperatures and have been approved for continuous use at 180°C.

Their standard construction meets the requirements of BS 6141 (tables 5 & 7) and harmonized European standards (IEC 245-1-2-3). Alternative sizes of tinned copper can be supplied and the wall thickness of the silicone elastomer cover can be increased or decreased to meet particular needs (e.g. ignition cable).

This range of wire widely used on domestic appliances, lighting fittings, high temperature rotating machines and electronic devices.



### Technical Data

Conductor	Annealed copper tinned to nominal sizes (Ref: BS 4109/ BS 6360) as shows on specification sheet QAS 102/18/1
Insulation requirements	Silicone elastomer compound meeting the following
Specific Gravity	1.28 - 1.32
Hardness	70 IRHD (BS 903 Part A26)
Tensile Strength (min)	9.5MPa (BS 903 Part A2)
Elongation at Break (min)	200% (BS 903 Part A2)
Tear Strength (min)	15KN/M (ASTM D624-86 Die B)
Electrical Strength at 20°C (1 min. Proof)	2.5Kv
Spark Voltage	4.0kV standard (higher voltage on request)
Colours Available	Black, Blue, Brown, Green, Grey, Orange, Pink, Red, Violet, White, Yellow
Packing	In continuous lengths on standard reels or in longer lengths, barreled in boxes

All information shown, including illustrations is believed to be reliable. Users, however, should independently evaluate the suitability of the product for their application. Sleeve It makes no warranties as to the accuracy or completeness of the information and disclaims any liability regarding its use. In no case will Sleeve It be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product. Sleeve It specifications are subject to change without notice. In addition Sleeve It reserves the right to make changes in materials and processing, without notification to the buyer, which do affect compliance with any applicable specification.