



Corrugated Conduit

Product

- Liquid tight raceway.
- Component, extra-flexible non-metallic mechanical protection tubing
- Corrugated flame resistant PVC with integral reinforcing member.
- Non-conductive raceway
- Impact resistant UV stabilised PVC Corrugated conduit

Temperature Rating

- 60°C Dry
- 60°C wet and oily

Applications

- Recognized component for use in protection of insulated wire in assemblies or consoles of electrical apparatus.
- Non-UL liquid tight raceway.

References & Rating

- Recognized component Liquidtight Mechanical Protection Tubing under UL File Number E79977
- Designed to BS 4607 & IEC423

Code	Size (mm)	Coil Length (m)	Bend radius (mm)
SFC 12	12	50	12.25
SFC 16	16	50	15.75
SFC 20	21	50	20.75
SFC 25	27	50	27.50
SFC 35	35	50	35.00
SFC 40	41	50	39.75
SFC 50	53	50	51.00

NB: All dimensions and are subject to normal manufacturing tolerances.

Construction

Superflex conduit has a circular cross section with a smooth polyvinyl chloride (PVC) inner surface and an integral reinforcing member within the conduit wall.

Grounding

Where applicable a separate grounding conductor is required for all trade sizes.

Markings

The product marking is contained on the outer carton.



Specification

Description

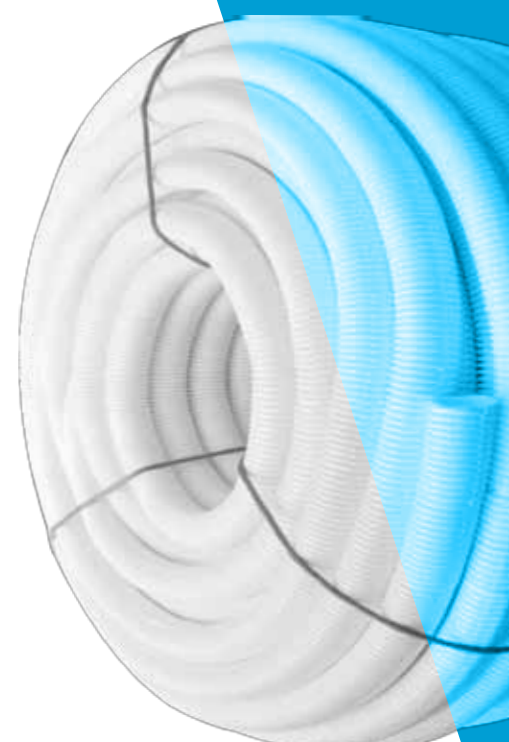
- Recognized component extra flexible non-metallic mechanical protection tubing and
- Non-UI Extra-Flexible Non-metallic conduit

Starflex® Non Metallic Corrugated conduit is designed for use in connection with the support of and protection of insulated wires, placed within the conduit that are used to interconnect separate component assemblies or console of electrical apparatus.

The acceptable use of this material is limited to the following conditions:

- Starflex® conduit may be used for the routing of internal wiring between electrical components of electrical equipment. The protection afforded to the internal wiring by the tubing may be considered equivalent to the protection afforded the internal conductors by the jacket of a Type SJT flexible cord.
- Starflex® conduit is suitable for use at a maximum temperature of 60°C.
- Starflex® conduit shall be terminated at each end of the console or appliances to which connected to provide strain relief to withstand a 30-pound pull for 1.0 minute. Fittings available from us meet this requirement.
- The percent fill of the conduit with conductors shall not exceed 75% where percent fill is defined as : $\text{Percent Fill} = \frac{\text{Area of Enclosed Conductors} \times 100}{\text{Internal Area of Tubing}}$ Fill Factor.
- The minimum bend radius shall not be less than the outside diameter of the conduit.
- The manufacturer's fittings were subjected to the Oil Spray Test in accordance with international standards

Starflex® conduit is designed for use in wet, dry or oily locations as a flame resistant, non-metallic raceway for power, control and communications cables. The product is intended for use at 60°C (140°F) in a dry location, 60°C (140°F) in a wet location and 60°C (140°F) in oily location. It is sunlight resistant.



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