



PTFE Standard Wall corrugated conduit

GT03 is an extremely flexible helical formed high temperature standard wall conduit. Designed for abrasion protection on cable harnesses, for fluid transfer & for thermal protection.

Widely used in the Space technology, aerospace, medical & automotive industries.

Operating temperature
-70°C to +260°C

Approvals
PAN 6627

Main features
Standard Wall conduit
Extremely flexible
High temperature component

Colours :
0, Black.
Other colours are to order
& are RoHS compliant.

| TPI nominal | ID mm | OD mm | WALL mm | MBR mm |
|-------------|-------|-------|---------|--------|
| 10 | 1.60 | 4.00 | 0.38 | 5.10 |
| 10 | 2.40 | 5.50 | 0.38 | 10.16 |
| 10 | 3.20 | 6.50 | 0.38 | 10.16 |
| 09 | 4.80 | 8.50 | 0.46 | 19.10 |
| 08 | 7.14 | 11.1 | 0.56 | 31.80 |
| 08 | 7.92 | 11.8 | 0.61 | 31.80 |
| 08 | 9.50 | 13.0 | 0.66 | 38.10 |
| 08 | 11.1 | 15.2 | 0.66 | 45.40 |
| 08 | 12.7 | 16.5 | 0.66 | 50.80 |
| 08 | 15.9 | 20.1 | 0.69 | 63.50 |
| 07 | 19.1 | 24.0 | 0.76 | 76.20 |
| 06 | 22.2 | 28.1 | 0.76 | 82.55 |
| 06 | 25.4 | 31.5 | 0.81 | 88.90 |
| 05 | 31.8 | 39.0 | 0.89 | 101.6 |
| 03 | 38.1 | 45.7 | 1.02 | 127.0 |

For ordering Please specify the type, colour, size and your quantity.
(Example GT03, 9.5-0-200M)

Data specification

Electrical

| Properties | Typical value |
|----------------------|-----------------------|
| Dielectric Strength | 50kV/mm |
| Volume Resistivity | 10 ¹⁸ Ω.cm |
| Surface Resistance | 10 ¹⁷ Ω |
| Service Temperature | -70°C to +260°C |
| Melting temperature | +320°C to +350°C |
| Thermal Conductivity | 0.2 to 0.5 W/m.k |

Mechanical

| Properties | Typical value |
|---------------------|-----------------------|
| Tensile Strength | 33 M/mm ² |
| Elongation at Break | 350 % |
| Density | 2.15g/cm ³ |
| Shore Hardness | D55 |

