



## 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 <sup>18</sup> Ω.cm
Surface Resistance	10 <sup>17</sup> 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 <sup>2</sup>
Elongation at Break	350 %
Density	2.15g/cm <sup>3</sup>
Shore Hardness	D55

