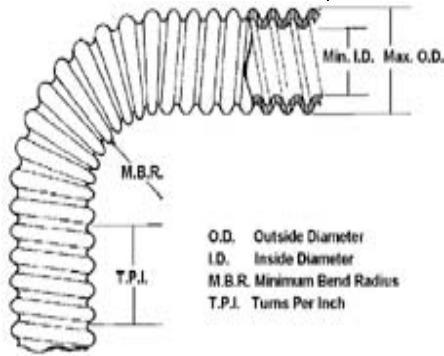


# Thermal Memory Ltd

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## PTFE Light wall corrugated conduit

GT01 A PTFE (Polytetrafluoroethylene) high temperature light wall convoluted conduit. GT01, a lightweight conduit combines high temperature, chemical & abrasion resistance.

Applications: Aerospace, Automotive & Pharmaceutical industries.

UV : resistant

Approval - PANAVIA 6628

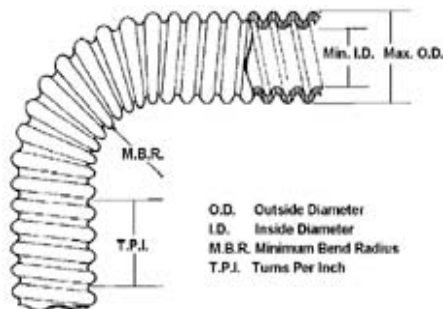
Part No.	Pitch TPI nominal	I.D. inches	I.D. mm	O.D. mm	O.D. inches	WALL mm	MBR mm
GT01-06	10	0.189	4.80	8.30	0.327	0.30	5.10
GT01-09	9	0.276	7.00	10.80	0.425	0.36	6.35
GT01-10	9	0.311	7.90	12.10	0.477	0.36	9.50
GT01-12	9	0.374	9.50	12.95	0.510	0.41	12.7
GT01-14	9	0.437	11.10	14.90	0.587	0.41	15.9
GT01-16	9	0.500	12.70	15.90	0.626	0.41	19.1
GT01-20	8	0.626	15.90	19.30	0.760	0.48	25.3
GT01-24	7	0.750	19.10	23.60	0.930	0.56	25.3
GT01-28	6	0.875	22.22	29.20	1.150	0.56	25.3

### Ordering Information

Colours: 0 Black, other colors are to order.

For ordering: Specify the type, colour, size & your quantities. (Example GT01-20-0-200M)

### Data specification



Electrical	
Properties	Typical value
Dielectric Strength	50 kV/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 +340°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