

Thermal Memory Ltd

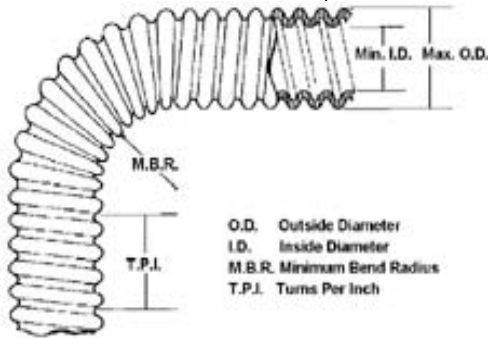
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Crush Resistant corrugated conduit

GTCRS is a new high temperature crush resistant conduit that offers crush resistance and a smoother inner bore allowing easier insertion of cables.

Widely used in Space technology, Aerospace, Medical, US Defense, UK Defence & Automotive industries.



Code Type	TPI (Nominal)	ID mm	ID inches	OD mm	OD inches	WALL mm	MBR inches
GTCRS 4.75	9	4.75	0.187	8.26	0.325	0.46	0.2
GTCRS 7.1	9	7.1	0.28	10.92	0.423	0.56	0.25
GTCRS 9.5	8	9.5	0.375	13.34	0.525	0.66	0.375
GTCRS 13.2	8	13.2	0.52	18.03	0.71	0.71	0.5
GTCRS 15.75	7	15.75	0.62	20.57	0.81	0.76	0.625
GTCRS 19.43	7	19.43	0.765	24.5	0.965	0.84	0.75
GTCRS 26.05	6	26.05	1.025	32.64	1.285	0.84	0.995

Ordering Information

Colours:

Various, with 0 Black as standard.

For ordering:

Specify, the type, colour, size & quantity.

(Example GTCRS 4.75-0-xxxm)

Data specifications

Electrical properties	
Properties	Typical values
Dielectric Strength	50 kV/mm
Volume Resistivity	10 ¹⁸ Ω.cm
Surface Resistance	10 ¹⁷ Ω
Service Temperature	-70 to 260°C
Melting temperature	320 to 340°C
Thermal Conductivity	0.2 to 0.5 W/m.k
Mechanical properties	
Properties	Typical values
Tensile Strength	33 M/mm ²
Elongation at Break	350 %
Density	2.15g/cm ³
Shore Hardness	D55