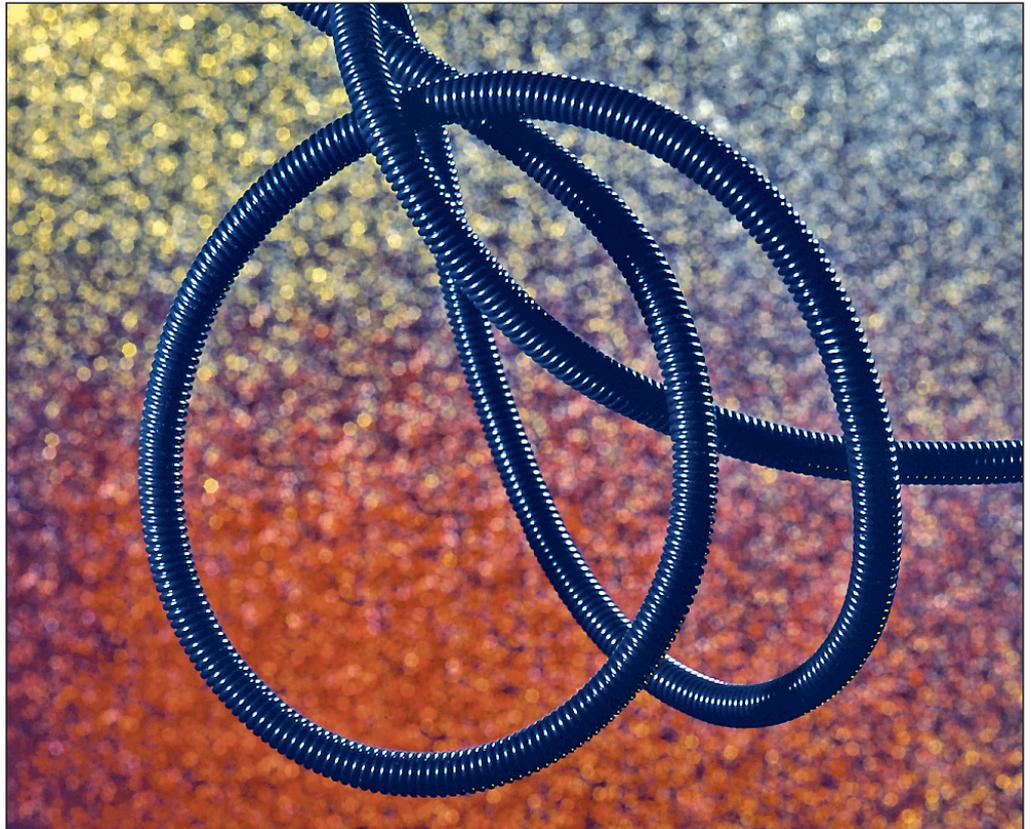


Versatile Protective Coverings for Automotive Components



HCTE Tubing

Helical convolex tubing with a high crush resistance.



HCTE Tubing

Flexible convoluted conduit manufactured from radiation crosslinked, modified Ethylene Tetrafluoroethylene (ETFE). Its helical construction combines a high degree of flexibility with excellent crush resistance.

HCTE will operate continuously at temperatures up to 200°C and up to 300°C for limited periods.

Used as a conduit to provide mechanical protection for electrical wiring systems in applications requiring flexibility, high-temperature performance and good resistance to a variety of fluids. Widely used in the military and commercial aerospace industries.

Can be used in conjunction with other TE Connectivity's Raychem components to form an integrated harnessing system.

Installation

It is recommended that no more than 70% of the internal area ("fill factor") of the HCTE conduit be occupied by wires in any application.

Benefits

- Highly flame-retardant
- Highly flexible and fluid resistant
- Not heat-shrinkable
- High crush resistance
- RoHS/ELV compliant

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Product Features

HCTE Tubing

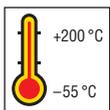
- Operating temperature Range
-55°C up to +200°C
- Flame retarded
- 2:1 shrink ratio

Product Dimensions

Size	Inside Diameter Minimum mm	Outside Diameter Maximum mm	Maximum Wall Thickness mm
0187	4.60	8.10	0.46
0281	6.90	10.50	0.46
0312	7.70	11.80	0.46
0375	9.20	12.90	0.46
0437	10.80	14.50	0.46
0500	12.30	16.50	0.58
0625	15.40	19.50	0.58
0750	17.90	23.60	0.58
0875	21.80	27.20	0.58
1000	24.70	31.10	0.58
1250	30.70	35.30	0.58
1500	36.50	46.50	0.58
1625	39.60	50.17	0.58
1750	42.67	52.88	0.58
2000	49.20	59.23	0.58

Ordering Information

Standard Colour	Black (0)				
Size Selection	Always order a conduit size that will ensure that a "fill factor" of 70% is not exceeded.				
Ordering Description	Specify product name, size and colour (for example HCTE-0187-0)				
Specifications/Approvals	<table border="1"> <thead> <tr> <th>Series</th> <th>TE</th> </tr> </thead> <tbody> <tr> <td>HCTE</td> <td>RT-1162</td> </tr> </tbody> </table>	Series	TE	HCTE	RT-1162
Series	TE				
HCTE	RT-1162				



Operating
Temperature Range



Shrinking Ratio



Flame Retarded