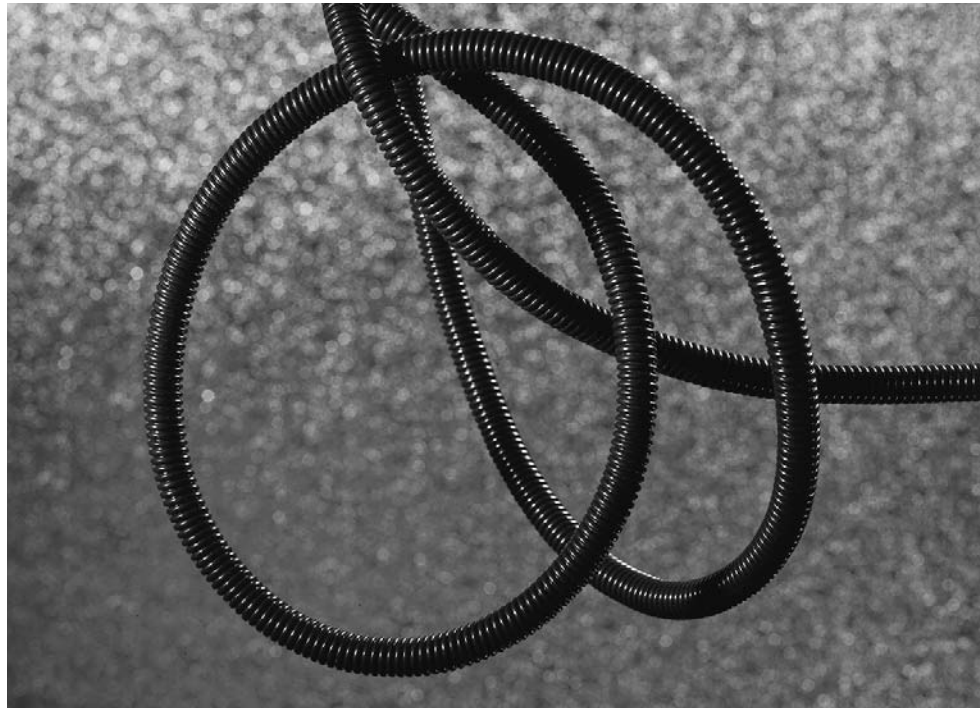


**HCTE**

**Helical Convolex Tubing  
with a High Crush  
Resistance**

**Product Facts**

- Highly flame-retardant
- Highly flexible and fluid resistant
- Not heat-shrinkable
- High crush resistance
- System 300 conduit tubing
- RoHS compliant



**Applications**

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 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.

**Operating Temperature Range**

-55°C to 200°C  
[-67°F to 392°F]

**Specifications/Approvals**

Series	Military	Raychem
HCTE	VG 96936 Part 6	RT-1162

Available in:	Americas	Europe	Asia Pacific
	■	■	■

**HCTE** (Continued)

**Product Dimensions**

Size	Inside Diameter		Outside Diameter		Maximum Wall Thickness
	Minimum	Maximum	Minimum	Maximum	
0187	4.60 [0.181]	8.10 [0.320]	8.10 [0.320]	8.10 [0.320]	0.46 [0.018]
0281	6.90 [0.273]	10.50 [0.414]	10.50 [0.414]	10.50 [0.414]	0.46 [0.018]
0312	7.70 [0.306]	11.80 [0.450]	11.80 [0.450]	11.80 [0.450]	0.46 [0.018]
0375	9.20 [0.364]	12.90 [0.510]	12.90 [0.510]	12.90 [0.510]	0.46 [0.018]
0437	10.80 [0.427]	14.50 [0.571]	14.50 [0.571]	14.50 [0.571]	0.46 [0.018]
0500	12.30 [0.485]	16.50 [0.650]	16.50 [0.650]	16.50 [0.650]	0.58 [0.023]
0625	15.40 [0.608]	19.50 [0.770]	19.50 [0.770]	19.50 [0.770]	0.58 [0.023]
0750	17.90 [0.730]	23.60 [0.930]	23.60 [0.930]	23.60 [0.930]	0.58 [0.023]
0875	21.80 [0.860]	27.20 [1.073]	27.20 [1.073]	27.20 [1.073]	0.58 [0.023]
1000	24.70 [0.975]	31.10 [1.226]	31.10 [1.226]	31.10 [1.226]	0.58 [0.023]
1250	30.70 [1.210]	35.30 [1.539]	35.30 [1.539]	35.30 [1.539]	0.58 [0.023]
1500	36.50 [1.437]	46.50 [1.832]	46.50 [1.832]	46.50 [1.832]	0.58 [0.023]
1625	39.60 [1.562]	50.17 [1.975]	50.17 [1.975]	50.17 [1.975]	0.58 [0.023]
1750	42.67 [1.688]	52.88 [2.082]	52.88 [2.082]	52.88 [2.082]	0.58 [0.023]
2000	49.20 [1.937]	59.23 [2.332]	59.23 [2.332]	59.23 [2.332]	0.58 [0.023]

**Ordering Information**

Color	Standard	Black (-0)
Size selection	Always order a conduit size that will ensure that a "fill factor" of 70% is not exceeded.	
Standard packaging	On spools.	
Ordering description	Specify product name, size and color (for example, HCTE-0187-0).	