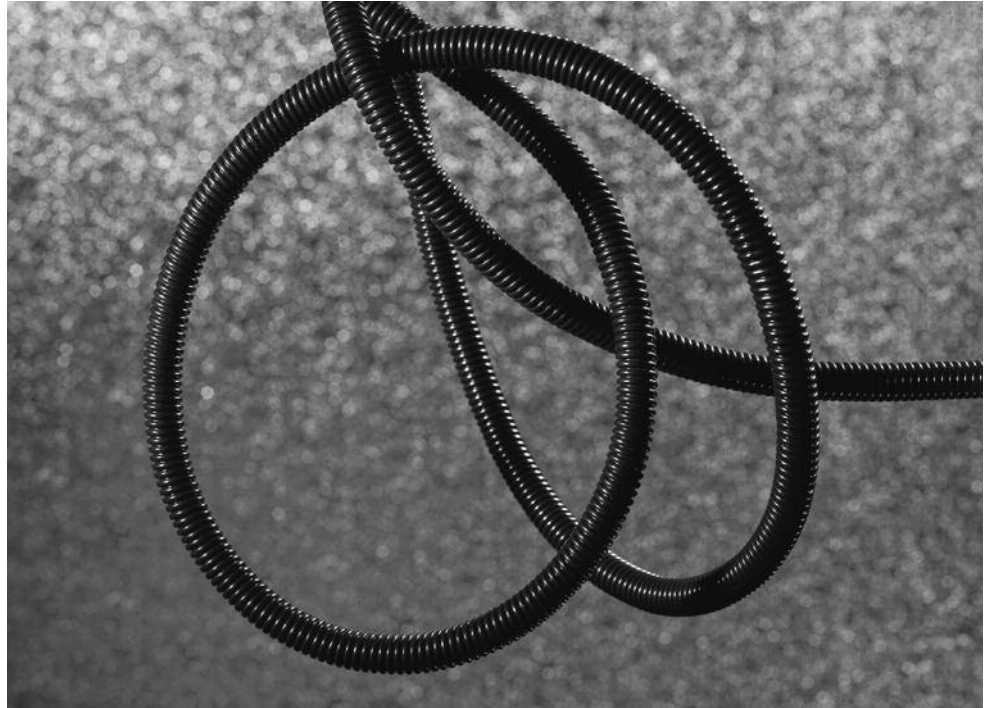


**HCTE**

**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 brand 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        | TE      |
|--------|-----------------|---------|
| 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).                          |            |

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Authorized Distributor

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