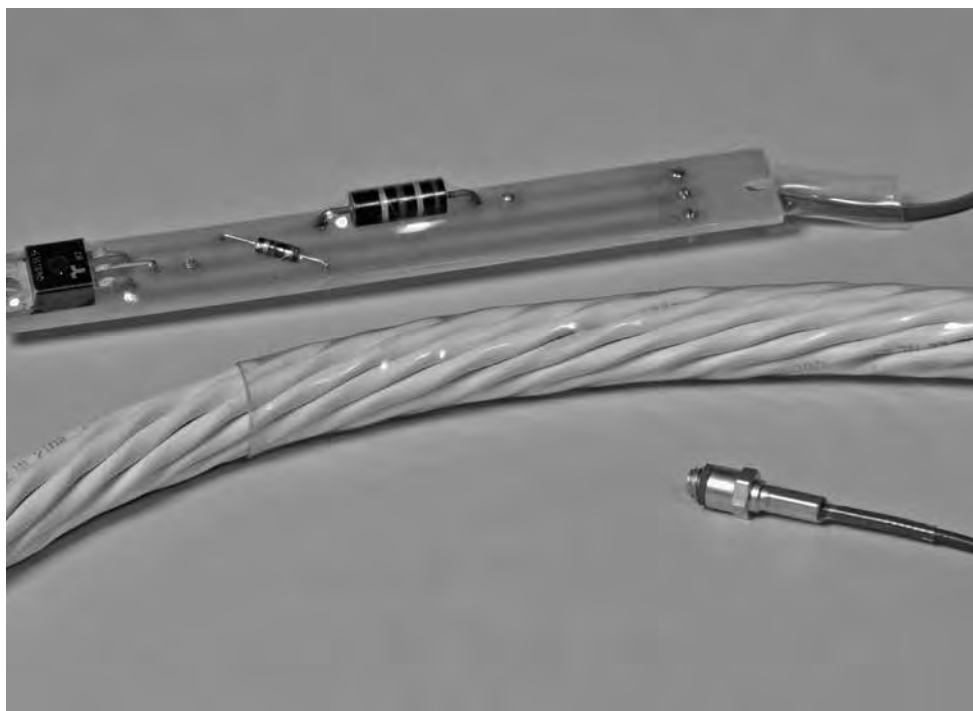


HT-200

**High-Clarity,
Highly Flame-Resistant,
Very Flexible, Fluoropolymer
Tubing**

Product Facts

- 2:1 shrink ratio for all standard sizes
- Tough, very flexible, very-thin-wall insulation
- High flame resistance; meets the requirements of AMS-DTL-23053, Test C, and ASTM D2671, Procedure C
- High and low temperature performance that meets or exceeds military and industrial standards
- Protection from most industrial solvents, fuels and chemicals
- Meets NASA outgassing requirements
- RoHS compliant



Applications

Provides very-thin-wall insulation and strain relief of multipin connectors, solder joints and other delicate electrical connections and terminations. It is well-suited for applications that require dense packing of components such as downhole sensors. Provides superior chemical and solvent resistance when used for bundling and jacketing of wires and cables. Suitable

for applications requiring low outgassing materials such as wire bundling and label protection in satellites.

Installation

Minimum shrink temperature: 110°C [230°F]

Minimum full recovery temperature: 130°C [266°F]

Operating Temperature Range

-70°C to 200°C
[-94°F to 392°F]

Specifications/Approvals

Series	Military	Raychem
HT-200	AMS-DTL-23053/18., Class 3*	RW-1200

* Formerly MIL-I-23053/18 and MIL-DTL-23053/18.

Available in:

Americas

Europe

Asia Pacific

HT-200 (Continued)

Product Dimensions

Size	Inside Diameter		Wall Thickness†
	Minimum Expanded as Supplied	Maximum Recovered After Heating	Nominal Recovered After Heating
3/64	1.17 [0.046]	0.58 [0.023]	0.25 ± 0.05 [0.010 ± 0.002]
1/16	1.60 [0.063]	0.79 [0.031]	0.25 ± 0.05 [0.010 ± 0.002]
3/32	2.36 [0.093]	1.17 [0.046]	0.25 ± 0.05 [0.010 ± 0.002]
1/8	3.17 [0.125]	1.57 [0.063]	0.25 ± 0.05 [0.010 ± 0.002]
3/16	4.74 [0.187]	2.36 [0.093]	0.25 ± 0.05 [0.010 ± 0.002]
1/4	6.35 [0.250]	3.17 [0.125]	0.33 ± 0.05 [0.013 ± 0.002]
3/8	9.50 [0.375]	4.74 [0.187]	0.33 ± 0.05 [0.013 ± 0.002]
1/2	12.70 [0.500]	6.35 [0.250]	0.33 ± 0.05 [0.013 ± 0.002]
3/4	19.05 [0.750]	9.50 [0.375]	0.43 ± 0.08 [0.017 ± 0.003]
1	25.40 [1.000]	12.70 [0.500]	0.48 ± 0.08 [0.019 ± 0.003]

†Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard	Clear (-X)
Size selection	Always order the largest size that will shrink snugly over the component to be covered.	
Standard packaging	On spools.	
Ordering description	Specify product name, size and color (for example, HT-200-1/4-X).	

Part Numbering System

HT-200-3/8-X-SP

