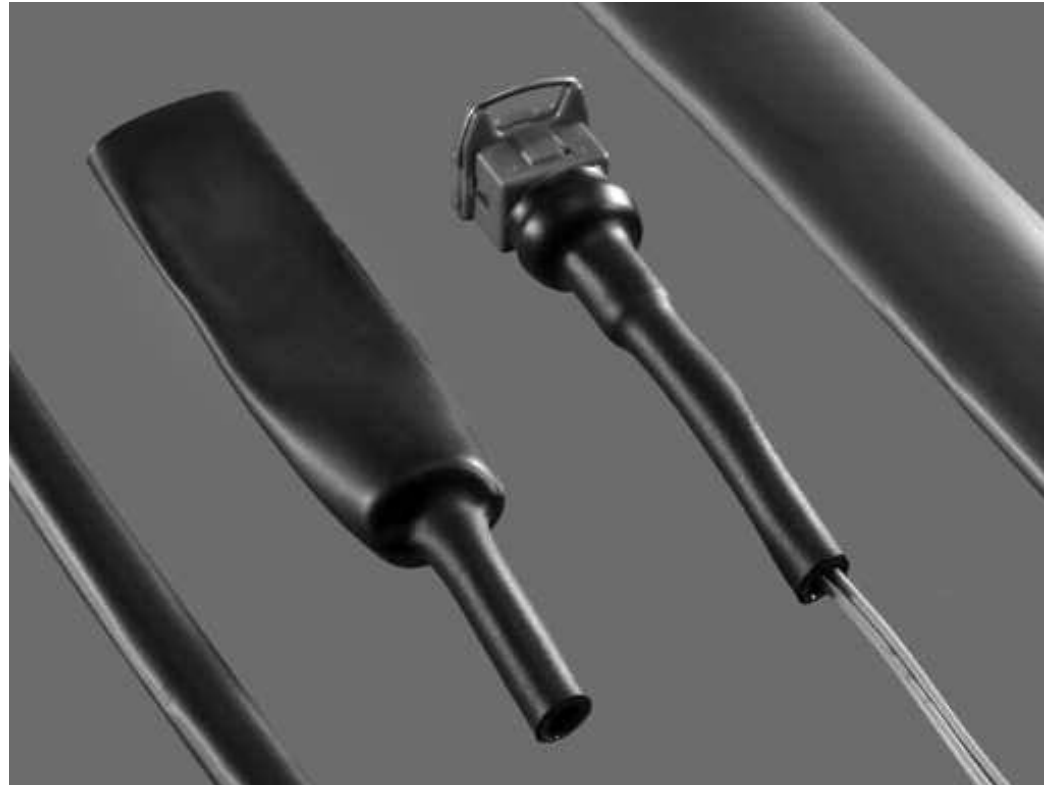## CGAT

Adhesive-Lined, Flexible, Polyolefin Heat-Shrinkable Tubing

Product Facts
- 3:1 Shrink ratio
- High-strength bonding
- Moisture-proof
- Environmental sealing
- RoHS compliant

Applications

CGAT is a flexible polyolefin heat-shrinkable tubing with an inner meltable adhesive lining designed for the commercial marketplace. It is suitable for the environmental protection of electrical components and the sealing of conductors. Typical applications are environmental sealing for electrical components, wire breakouts and cable jackets.

Installation

Minimum shrink temperature: 80°C [176°F]

Minimum full recovery temperature: 115°C [239°F]

Operating Temperature Range

-30°C to 80°C
[-22°F to 176°F]

Specifications/Approvals

Series	UL*	Raychem
CGAT	E85381 600V, 80°C	RW-2050

*Black only. Clear product is not flame-retardant

Available in:	Americas	Europe	Asia Pacific
		■	

CGAT (Continued)

Product Dimensions

Size	Inside Diameter		Recovered Wall Thickness*	
	Minimum Expanded as Supplied	Maximum Recovered After Heating	After Heating Black	After Heating Clear
3/1	3.0 [0.118]	1.0 [0.039]	1.00±0.25 [0.039±.010]	1.00±0.30 [0.039±.012]
6/2	6.0 [0.236]	2.0 [0.079]	1.00±0.25 [0.039±.010]	1.00±0.30 [0.039±.012]
9/3	9.0 [0.354]	3.0 [0.118]	1.35±0.25 [0.053±.010]	1.40±0.30 [0.055±.012]
12/4	12.0 [0.472]	4.0 [0.157]	1.50±0.25 [0.059±.010]	1.75±0.40 [0.039±.012]
18/6	18.0 [0.709]	6.0 [0.236]	1.70±0.25 [0.067±.010]	2.25±0.55 [0.089±.022]
24/8	24.0 [0.945]	8.0 [0.315]	1.90±0.25 [0.075±.010]	2.55±0.55 [0.100±.022]
39/13	39.0 [1.535]	13.0 [0.512]	2.10±0.25 [0.083±.010]	2.55±0.55 [0.100±.022]

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

Ordering Information

Color	Standard	Black (-0) Clear (X, non-flame-retardant jacket)
Size selection	Always order the largest size that will shrink snugly over the component to be covered.	
Standard packaging**	In 1.2 meter (4 foot) lengths or on spools.	
Ordering description	Specify product name, size and color (for example, CGAT-3/1-0).	

**Available in the convenient RaySpool packaging/dispensing system, for sizes 3/1 to 24/8.