



Raychem INSTALITE ZH-150 Sleeving

High-Temperature 150°C Zerohal Heat-Shrinkable Lightweight Tubing

LIGHTWEIGHT

- Lightweight crosslinked material
- Halogen free, flame retardant, fluid resistant
- Ruggedized, abrasion resistant
- Operating temperature range: -75°C to 150°C

VERSATILE

- 2 to 1 shrink ratio, in eight sizes
- Limited fire hazard
- Metric sizing

EASE OF USE

- Highly flexible for easy handling
- Single system for multiple application environments

APPLICATIONS

- Military
- Marine
- Rail and Mass Transit

TE's INSTALITE ZH-150 heat-shrinkable tubing combines high-temperature and zero halogen properties in a lightweight material and helps you meet all requirements for zero halogen, limited fire hazard tubing with high-temperature properties.

The tubing helps provide excellent mechanical and electrical protection for wire and cable harnesses across multiple environments.

This advancement in material science provides a heat-shrink product that can deliver protection for people and equipment in a high-temperature, lightweight product.

TE Components . . . TE Technology . . . TE Know-how . . .

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Empower Engineers to Solve Problems, Moving the World Forward.

INSTALITE ZH-150 Sleeving

Lightweight High-Temperature, Zerohal Heat-Shrinkable Tubing



Performance Characteristics

MATERIALS

- **Lightweight, crosslinked material:** Zerohal material, flame retarded

ENVIRONMENTAL/MECHANICAL

- **Operating Temperature Range:** -75°C to 150°C
- **Flammability:** Limited fire hazard
- **Fluid Resistance:** Resists common aerospace and military fluids
- **Flexibility:** Very flexible tubing
- **Mechanical:** Ruggedized, abrasion resistant
- **Shrink Ratio:** 2 to 1
- **Minimum Shrink Temperature:** 150°C
- **Minimum Full Recovery Temperature:** 175°C

STANDARDS/SPECIFICATIONS

- **Application Specification:** ELE-3COP-551
- **Product Specification:** RW-3044

ORDERING INFORMATION

Description	Part No.	Size	Inside Diameter		Wall Thickness After Recovery (nom.)	Mass Grams/m (±10%)
			As Supplied (min.)	After Recovery (max.)		
ZH150-3/1.5-0-SP	EH3261-000	3.0/1.5	3.0 (0.118)	1.5 (0.059)	0.70 (0.028)	4.2
ZH150-5/2.5-0-SP	EH3263-000	5.0/2.5	5.0 (0.197)	2.5 (0.098)	0.75 (0.030)	8.92
ZH150-8/4-0-SP	EH3264-000	8.0/4.0	8.0 (0.315)	4.0 (0.157)	0.80 (0.031)	13.00
ZH150-12/6-0-SP	EH3265-000	12.0/6.0	12.0 (0.472)	6.0 (0.236)	0.90 (0.035)	20.94
ZH150-18/9-0-SP	EH3267-000	18.0/9.0	18.0 (0.709)	9.0 (0.354)	1.00 (0.039)	31.96
ZH150-24/12-0-SP	EH3268-000	24.0/12.0	24.0 (0.945)	12.0 (0.472)	1.10 (0.043)	50.69
ZH150-40/20-0-SP	EH3269-000	40.0/20.0	40.0 (1.575)	20.0 (0.789)	1.30 (0.051)	94.1
ZH150-50/30-0-SP	EH3270-000	50.0/30.0	50.0 (1.969)	30.0 (1.181)	1.50 (0.059)	160

Dimensions: mm (inch)

INSTALITE ZH-150 COMPARISON

	Temperature Range	Low Smoke	Flexibility	Low Toxicity	Light Weight	Fluid Resistance
ZH-150	Excellent	Very Good	Excellent	Very Good	Excellent	Excellent
ZHTM	Good	Excellent	Good	Excellent	Good	Good
DR25	Excellent	—	Excellent	—	Very Good	Excellent

te.com/zh150

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Consult TE for the latest dimensions and design specifications.

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