

- Operating temperature range  
-40°C to +105°C
- Low smoke emission
- Shrink ratio 2:1

## ZH-100

Heat-shrinkable low fire hazard flexible tubing

## Raychem

Raychem ZH-100 is a flexible thin walled, heat-shrinkable tubing. The material contains no added halogens, exhibits excellent fire safety characteristics combined with low evolution of acid

gases, whilst retaining good mechanical and fluid-resistant properties.

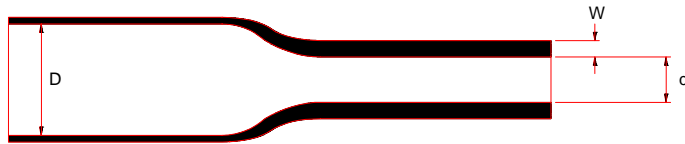
Uses include insulation and protection of cables, for lightweight harness jackets and electrical and electronic components used in enclosed spaces, such as marine,

mass transit systems and offshore installations, or where equipment would be irreparably damaged by corrosive products of combustion.

### Temperature rating

Operating temperature range:	-40°C to +105°C
Minimum shrink temperature:	+80°C
Minimum full recovery temperature:	+120°C

### Ordering information



Inside diameter		Wall thickness	Standard Package		Ordering description
D (min) Expanded as supplied	d (max) Recovered after heating	W (nom) Total wall recovered after heating	Spool quantity	1.22m Length Quantity	
mm	mm	mm	m	m	
3.2	1.6	0.50	150	60	ZH-100-1/8-colour code
4.8	2.4	0.50	150	60	ZH-100-3/16-colour code
6.4	3.2	0.65	75	30	ZH-100-1/4-colour code
9.5	4.8	0.65	75	30	ZH-100-3/8-colour code
12.7	6.4	0.65	75	30	ZH-100-1/2-colour code
19.0	9.5	0.75	75	30	ZH-100-3/4-colour code
25.4	12.7	0.90	30	30	ZH-100-1-colour code
38.0	19.0	1.00	30	-	ZH-100-1-1/2-colour code
51.0	25.4	1.15	30	-	ZH-100-2-colour code

The largest size which will recover snugly over the component to be covered should be ordered.

The wall thickness of the tubing will be less than specified if recovery is restricted during shrinkage.

Other lengths and sizes are available subject to special order.

### Standard colours

Colour	Black	White	Yellow	Blue	Green	Red
Code	0	9	4	6	5	2

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# ZH-100

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## Approvals

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Flammability UL 224

BR 1326

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## Performance

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Test	Test method	Test requirement
Oxygen Index:	ISO 4589 Part 2	32 (min)
Oxygen Index at elevated temperature	ISO 4589 Part 3	250 (min)
Smoke Index:	BS 3G 198-3 Annex B	20 (max)
Combustion products index:	BS 3G 198-3 Annex C	5 (max)
Acid gas generation:	IEC 754-2	pH 4.3 to 10.5 Conductivity 10 (max)
Flammability:	ASTM D876	Duration of burning 30 s (max)

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For full product performance details consult Raychem Specification RW 2031.

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## Specifications

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Raychem Specification RW 2031.

Material Safety Data Sheet available on request.

Installation instructions available on request.

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**Tyco/Electronics/Raychem**  
306 Constitution Drive  
Menlo Park, CA 94025  
U.S.A  
Tel: (650)-361 3333

**Tyco/Electronics/Raychem**  
Cheney Manor Industrial Estate  
Swindon, Wiltshire SN2 2QE  
UK  
Tel: (44)-1793 573762

**Tyco/Electronics/Raychem**  
3816 Noborito, Tama-ku  
Kawasaki 214-8533  
Japan  
Tel: (81)-44 9005102

**Tyco/Electronics/Raychem**  
No. 26 Ang Mo Kio Ind. Park  
Singapore 569507  
Tel: (65)-4866151