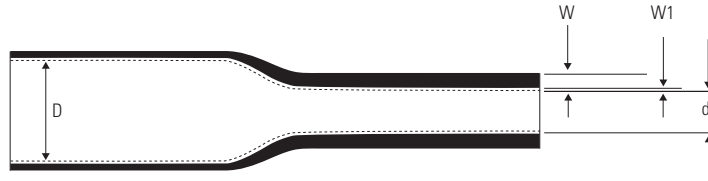


Flexible, dual-wall, moisture proof, heat-shrinkable tubing



- Excellent mechanical strength
- Excellent abrasion resistance
- Excellent optical clarity
- Environmental sealing
- Shrink ratio 4:1

Raychem DWTC is a flexible, heat-shrinkable, dual-wall tubing with an integrally bonded meltable adhesive inner liner designed to offer moisture proof encapsulation to a wide variety of substrates. Available in clear, DWTC offers excellent clarity for protection of substrates that may need to be inspected during service. The tough outer jacket gives excellent mechanical strength with a high resistance to splitting. The high shrinkage ratio means that only four sizes are needed to give protection to a full range of irregular shapes with widely varying dimensions.

Ordering information

Inside diameter		Wall thickness		Standard package	
D (min) Expanded as supplied	d (max) Recovered after heating	W (nom) Total wall recovered after heating	W1 (nom) Meltable wall recovered after heating	1.22m Length quantity	Ordering description
mm	mm	mm	mm	m	
4.0	1.0	0.8	0.25	30	DWTC-4/1-X
8.0	2.0	0.9	0.25	30	DWTC-8/2-X
12.0	3.0	1.2	0.40	30	DWTC-12/3-X
16.0	4.0	1.5	0.50	30	DWTC-16/4-X

The largest size that 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	Clear
	Code	X

Performance	Test	Test method	Test Requirement
	Inner wall adhesion: DWTC to aluminium		60 N/25 mm (min)
	Heat shock:	4 h at 200°C	Pass – no dripping, cracking or flowing of outer wall
	Heat ageing:	168 h at 120°C	Pass – no dripping, cracking or flowing of outer wall
	Low temperature flexibility:	4 h at -55°C	Pass – no cracking
	Fluid resistance:	24 h at 23°C, ISO 37	Tensile strength: 15 MPa (min) Ultimate elongation: 200% (min)
	Test fluids:		Diesel Fuel (BS 2869 class A1) Brake fluid (H-515) Lubricating oil (0-149)

For full product performance details consult Raychem Specification RK 6204.

Specifications	Raychem Specification RK 6204. Material Safety Data Sheet available on request. Installation instructions available on request.
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