

DWFC Series

Heat Shrink Tubing



Features:

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



It 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, DWFC 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

Performance

Test	Test Method	Test Requirement
Minimum inner wall adhesion DWFC to aluminium	-	60 N / 25 mm
Heat shock	4 Hours at 200°C	Pass - no dripping, cracking or flowing of outer wall
Heat ageing	168 Hours at 120°C	-
Low temperature flexibility	4 Hours at -55°C	Pass - no cracking
Fluid resistance	24 Hours at 23°C, ISO 37	Minimum tensile strength : 15 MPa Minimum ultimate elongation : 200%
	Test fluids	Diesel fuel (BS 2869 Class A1) Break fluid (H - 515) Lubricating oil (0 - 149)

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Specification Table

Inside Diameter		Wall Thickness		Length (m)	Part Number
Minimum Expanded as Supplied (D)	Maximum Recovered After Heating (d)	Nominal Total Wall Recovered After Heating (W)	Nominal Meltable Wall Recovered After Heating (W1)		
4	1	0.8	0.25	1.2	DWFC-4/1-X-4FT
8	2	0.9			DWFC-8/2-X-4FT
12	3	1.2	0.4		DWFC-12/3-X-4FT

Dimensions : Millimetres (Unless Specified)

Note:

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

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