

INSULATE
SEAL
PROTECT

4:1
SHRINK RATIO



THIN WALL ADHESIVE LINED CROSS-LINKED POLYOLEFIN

SEMI-RIGID, DUAL WALL HEAT SHRINK TUBING DESIGNED TO SEAL & ENVIRONMENTALLY PROTECT THE TOUGHEST SPLICES IN THE MOST DEMANDING & RUGGED APPLICATIONS.

FEATURES AND BENEFITS

- 4:1 shrink ratio allows for fewer sizes to cover numerous splice configurations and diameters
- Environmentally seal and protect, splices and terminals in automotive, on highway/off road heavy equipment applications
- Highly resistant to Diesel and other common automotive fluids and solvents
- Semi-rigid and mechanically tough outer jacket provides added strain relief and excellent abrasion protection
- Thick adhesive liner forms an effective barrier against fluids and moisture penetration
- Continuous operating temperature: -40°C to 130°C
- Shrink temperature: 130°C

STANDARDS

- Meets most automotive, on highway/off road heavy equipment & electronic standards & requirements

TYPICAL APPLICATIONS

- Environmental sealing of in-line splices, connectors & terminals
- Strain relief
- Abrasion protection and electrical insulation of automotive wiring harness splices and valuable components
- On-highway and off-road heavy equipment applications
- Fleet & marine sealing & protection



DIMENSIONS

SIZE	EXPANDED		TOTAL RECOVERED				ADHESIVE WALL	
ORDER NUMBER	INTERNAL DIAMETER		MAX ID		TOTAL WALL			
	MM	(INCH)	MM	(INCH)	MM	(INCH)	MM	(INCH)
1	6	0.260	1.27	0.050	1.27	0.050	0.76	0.030
2	8	0.340	1.52	0.060	1.52	0.060	0.91	0.036
3	12	0.505	2.03	0.080	1.91	0.075	1.22	0.048
4	18	0.760	3.81	0.150	2.41	0.095	1.60	0.063

TECHNICAL DATA

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Tensile Strength	ASTM D 2671	15.1 MPa (2200 Psi) min
Elongation @Break	ASTM D 2671	400% min
Secant modulus (Outer wall)	ASTM D 267 Procedure A	300 MPa (45000 Psi) min
Longitudinal Change %max	ASTM D 2671	+0-10%
Specific Gravity (jacket only) max	ASTM D 792	1.24
Low temp. flexibility at -30OC - use req'd mandrel size (Outer wall)	ASTM D 267 Procedure C	No Cracking or splitting
Heat Shock @ 250 c for 4 hrs - use req'd mandrel size	ASTM D 2671	No Cracking or splitting of Outer Wall
Flammability	ASTM D 2671 Procedure B	Self Extinguishing within 30 seconds
Concentricity (total wall)	N/A	60%
Copper Mirror Corrosion @121 c for 16 hrs	ASTM D 2671 Procedure A	Pass
Dielectric Strength (Outer wall) min	ASTM D 2671	550 V/mil
Colour	Visual	Pass
**Fluid Compatibility	Ford ES-FOEB-1A263-AA	< 0.25 Micro Amps

** Reference fuel C, ASTM IRM 903, Diesel #2 Fuel @60C for 24hrs.

ORDERING

- Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.
 - Select Options:
 - Colour: Black (BK)
 - Length: Standard cut length, 4 ft stick or spool
 - Please specify the product name plus the options you require
- Order Example: CDR, 3, black, 65 mm length

Please contact your Customer Service Representative for information on custom sizes, lengths and material data sheet.

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