

Low-Temp Dual-Shrink™

FEP/EFEP Encapsulation

Overview-

Zeus Low-Temp Dual-Shrink™ features an external layer of FEP heat shrink and an inner layer of EFEP. This product is designed to provide a tight and moisture-proof encapsulation over wires, cables, connectors, sensors, terminals, splices, and other critical components.

Developed with temperature sensitive electronics in mind, Zeus' low-temp Dual-Shrink™ bridges the gap between commodity, adhesive lined heat shrinks, and Zeus' standard PTFE/FEP Dual-Shrink™. When heated, our new low-temp Dual-Shrink™'s outer layer of FEP shrinks, while the inner layer of EFEP flows to fully encapsulate the intended part. With a recommended recovery temperature of 215 °C, Low-Temp Dual-Shrink™ is designed to provide all of the outstanding properties of FEP and EFEP in a superior heat shrink.

For over 50 years, wire splicing technicians in the aerospace, medical, oil and gas, automotive, and electrical industries have relied on Zeus to provide robust heat shrinkable products to meet their most challenging demands. Our new Low-Temp Dual-Shrink™ tubing delivers this same high performance and more to our customers around the world.



COEFFICIENT OF FRICTION



CHEMICAL RESISTANCE



DIELECTRIC STRENGTH



Zeus Dual-Shrink™ recovers tightly over various component profiles, creating a moisture tight seal.

APPLICATIONS

- Critical component encapsulation
- Electrical connections
- Wire splicing / termination

CAPABILITIES AND SIZING

- Standard sizes up to 0.413" (10.5 mm) in diameter
- Custom sizing also available
- Custom colors available

KEY PROPERTIES

- Working temperature up to 302 °F / 150 °C
- Tight, moisture-proof encapsulation
- Chemically resistant
- Sterilizable
- Protection against corrosion



Low-Temp Dual-Shrink™

Packaged in standard 4 ft. lengths unless otherwise specified. Custom colors available on request. Free samples available upon request.

STANDARD WALL						
ITEM NO.	EXPANDED ID MIN.		RECOVERED ID MAX.		RECOVERED WALL THICKNESS (NOMINAL)	
	in.	mm	in.	mm	in.	mm
LTDS-046	0.046	1.168	0.000	0.000	N/A	N/A
LTDS-082	0.082	2.083	0.000	0.000	N/A	N/A
LTDS-112	0.112	2.845	0.000	0.000	N/A	N/A
LTDS-163	0.163	4.140	0.000	0.000	N/A	N/A
LTDS-200	0.200	5.080	0.000	0.000	N/A	N/A
LTDS-250	0.250	6.350	0.125	3.175	0.070	1.778
LTDS-375	0.375	9.525	0.225	5.715	0.070	1.905
LTDS-413	0.413	10.490	0.250	6.350	0.059	1.499

