

FEP 2:1

Customized Heat Shrink



FEP heat shrink is especially preferred for its lower recovery temperature compared to PTFE.

Overview

Heat shrink tubing provides a highly adaptable method for applying tight and protective encapsulation for a multitude of components. Heat shrink products are provided in their expanded state. Then, with a brief application of heat, they mold snugly over intricate and irregular shapes to form a strong completely sealed covering.

Our FEP heat shrink tubing is available with shrink ratios of 1.3:1; 1.6:1; and 2:1 incorporating our high standards throughout. Zeus FEP 2:1 heat shrink offers the broadest accommodation of uneven or angular shapes of any of our FEP heat shrinks. Shrinkage is accommodated by a variety of methods from performance heat guns to ovens (though ovens may provide the most uniform shrinkage results). Custom fit for your product needs.

Zeus heat shrink jacketing extends the life of covered parts as it protects in extremes of heat, moisture, corrosion, and shock. FEP heat shrink is a popular choice in industries such as aerospace, electrical, fiber optics, and automotive. In the medical arena, FEP heat shrink is the ideal manufacturing aid during the catheter jacket reflow process and is easily removed afterward.



CHEMICAL RESISTANCE



BIOCOMPATIBLE



DIELECTRIC STRENGTH

Applications

- Encapsulation
- Insulation
- Wire harness
- Catheter manufacturing aid

Capabilities and Sizing

- Available in sizes from .034-.385 Expanded ID's (.863mm-9.78mm)
- Wall thicknesses from .010-.015 (.254 mm -.381mm)

Key Properties

- Biocompatible
- Chemically resistant
- Excellent dielectric strength
- UL 94 V-0 flammability rated
- High optical clarity
- Sterilizable
- Working temperature to 392 °F (200 °C)
- Complies with: AS23053/11



FEP 2:1 Ratio

Approximate Ratio of Expanded ID to Recovered ID

FEP heat shrink is supplied in natural, custom Pantone, or Zeus standard colors, all available upon request. Standard lengths are 4ft; cut pieces and continuous lengths are also available. Free samples are available upon request. FEP 2:1 is not AMS 23053/11 qualified.

FEP HEAT SHRINK 2:1 SIZES IN INCHES

OPN	MATERIAL	EXPANDED ID	RECOVERED ID	WALL	CUT LENGTH	VSL DESCRIPTION
234686	FEP HS 2:1	0.385	0.1925	0.013 ± 0.0025	65" + 1" / -0"	FEP HS 2:1 0.385 EXP / 0.192 REC
234724	FEP HS 2:1	0.290	0.145	0.013 ± 0.0025	65" + 1" / -0"	FEP HS 2:1 0.290 EXP / 0.145 REC
234727	FEP HS 2:1	0.180	0.095	0.013 ± 0.0025	65" + 1" / -0"	FEP HS 2:1 0.190 EXP / 0.095 REC
234750	FEP HS 2:1	0.125	0.063	0.013 ± 0.0025	65" + 1" / -0"	FEP HS 2:1 0.125 EXP / 0.063 REC
234701	FEP HS 2:1	0.075	0.0375	0.013 ± 0.0025	65" + 1" / -0"	FEP HS 2:1 0.075 EXP / 0.0375 REC
234704	FEP HS 2:1	0.034	0.017	0.013 ± 0.0025	65" + 1" / -0"	FEP HS 2:1 0.034 EXP / 0.017 REC