

PET Lay-Flat™

PET Heat Shrink Extrusions



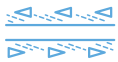
PET Lay-Flat™ heat shrink is a cost-effective option for a variety of encapsulations requiring high optical clarity.

Overview

Zeus PET Lay-Flat™ heat shrink brings together cost effectiveness, superior strength, and transparency into a single product that is ideal for insulation, encapsulation, and protection. With a comparatively low recovery temperature and good dielectric properties, PET has become a popular choice for encapsulating light bulbs, solenoids, and batteries. PET's very high clarity and high working temperature are ideal for light bulb encapsulation.

By customizing PET Lay-Flat™ heat shrink's expanded ID for each application, we are able to reduce the longitudinal shrinkage. We can provide PET Lay-Flat™ heat shrink with wall thickness as low as 0.004" (0.102 mm) with a maximum of up to 0.008" (0.203 mm) possible. PET Lay-Flat™ heat shrink widths range from 1" (25.4 mm) to 3" (76.2 mm).

PET Lay-Flat™ is available in 500 ft. (152 m) or longer spooled seamless lengths. This space-saving configuration allows us to ship 1" (25.4 mm) ID tubing on a 500 ft. spool which will fit in a convenient 9" (229 mm) box.



COEFFICIENT OF FRICTION



CHEMICAL RESISTANCE



DIELECTRIC STRENGTH

Applications

- Battery pack encapsulation
- Bus bar insulation
- Capacitor encapsulation
- Fluorescent light bulb encapsulation

Capabilities and Sizing

- Spooled up to 500 ft. (152 m) lengths
- Available in long seamless lengths
- Wall thickness 0.004" (0.102 mm) with 0.008" (0.203 mm) max possible
- Expansion ratios up to 2:1
- T5, T8, and T12 sizes
- Custom sizes available

Key Properties

- UV resistant (requires additive)
- Low shrink-back temperature
- Low water absorption
- High transparency
- Working temperature up to 293 °F / 145 °C

Note: Ultraviolet (UV) light will decrease the thermal properties of PET Lay-Flat™.

