



## ESZH-CAP

### EASY SEAL, ZERO HALOGEN CAP

#### KEY PRODUCT ATTRIBUTES

- 4:1 shrink ratio
- Zero halogen
- Non Flame-retarded
- Fluid (including brake fluid) and moisture resistant
- FMVSS302 flammability rating
- Faster heat penetration

#### PRODUCT BENEFITS

- Zero halogen for low toxicity
- Clear jacket for inspection and identification
- Improved infrared absorption, resulting in faster installation

ESZH-Cap is a new addition to the heat-shrinkable, dual-wall tubing portfolio, designed to provide environmental sealing of electrical stub splices used in automotive environments. ESZH Cap has been developed from QSZH tubing, with a clear jacket with a black adhesive liner, closed at one end to provide effective sealing in a cap form.

The adhesive layer provides a tight seal around the splice, preventing any moisture from entering. Moisture can ultimately lead to corrosive problems and issues after installation and during operation. Alongside this, the adhesive layer performs effectively in environments with wide temperature ranges, highlighting its versatility within different applications.

ESZH-Caps can effectively be installed, in application, with an air-circulating oven, a belt heater or infrared heat processor, with these methods ensuring a high standard installation. After installation, the caps will ensure low profile mechanical protection against flexing, electrical insulation, as well as abrasion and cut-through resistance.

#### TYPICAL MARKETS



AUTOMOTIVE



ICT

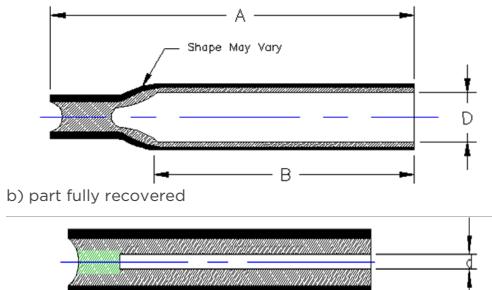


INDUSTRIAL



AUTO SPORT

a) Part as supplied



b) part fully recovered

Note: d may be completely blocked by adhesive.

## TEMPERATURES

- Minimum Shrink Temperature: 135°C
- Full Recovery Temperature: 200°C
- Operating Temperature: -40°C to +125°C  
(\*With tape to help secure cap)

## PRODUCT SELECTION INFORMATION - DIMENSIONS IN MM

| Size               | A ±2.5 | B (Min) | D (Min) | d (Max) | Delivery Units (Pack Size) |
|--------------------|--------|---------|---------|---------|----------------------------|
| 4:1                |        |         |         |         |                            |
| ESZH-CAP-NO.1-35MM | 35     | 21.18   | 5.7     | 2.65    | Pcs (15,000)               |
| ESZH-CAP-NO.1-40MM | 40     | 25.58   | 5.7     | 2.65    | Pcs (15,000)               |
| ESZH-CAP-NO.1-50MM | 50     | 36.68   | 5.7     | 2.65    | Pcs (10,000)               |
| ESZH-CAP-NO.2-35MM | 35     | 21.18   | 7.4     | 3.45    | Pcs (10,000)               |
| ESZH-CAP-NO.2-40MM | 40     | 25.58   | 7.4     | 3.45    | Pcs (8,000)                |
| ESZH-CAP-NO.2-50MM | 50     | 36.68   | 7.4     | 3.45    | Pcs (7,000)                |
| ESZH-CAP-NO.3-40MM | 40     | 22.48   | 10.8    | 4.65    | Pcs (5,000)                |
| ESZH-CAP-NO.3-50MM | 50     | 33.58   | 10.8    | 4.65    | Pcs (4,000)                |

|                      |   |
|----------------------|---|
| Colour               | Black Transparent (no letter given in description to represent colour)                  |
| Size Selection       | Always order the largest size that will shrink snugly over the component to be covered. |
| Standard Packaging   | In pieces.  |
| Marking              | Caps will be marked with their numbered size (1, 2, 3).                                 |
| Ordering Description | Specify product name, size and length (for example, ESZH-CAP-NO.1-35MM).                |

## SPECIFICATIONS AND APPROVALS

| Series   | Standard / Approval | TE Specification |
|----------|---------------------|------------------|
| ESZH-CAP | N/A                 | 108-120000       |

Are you looking to seal out moisture, offer enhanced strain relief, or provide rigorous mechanical protection? Do you need a flame retardant product? Leverage TE's comprehensive portfolio of heat shrink tubing products in a wide range of applications.

Learn more at [TE.com/heatshinktubing](http://TE.com/heatshinktubing)

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