

***Shrink-Kon***<sup>®</sup>

Heat Shrinkable Tubing



***Thomas & Betts***

## ***Wherever you find electricity you will find Thomas & Betts***

Thomas & Betts is a world leader in the manufacture and supply of electrical accessories for commercial and industrial construction, maintenance and repair markets.

The majority of the range is dedicated to the management, protection and connection of electrical cable. This means that ranges such as cable ties and fastening systems, heatshrink, flexible conduit systems and cable glands are core to the line up. With well known and trusted brands including Ty-Rap®, Hi-Flex® and Nicote®, Thomas & Betts is well positioned to supply both your day to day needs and to provide specifiable products with specific performance criteria.

***Ty-Rap®***



***Shrink-Kon®***

***Deltec™***

***Ty-Met®***

***Hi-Flex®***

***Handyband®***



## ***Protect Against Moisture, Corrosion and Abrasion!***

### **Thomas & Betts Has You Covered When it Comes to Insulation!**

- Easy to use
- Heat shrinkable
- Products with heavy, medium & thin walls
- End caps & breakouts

#### ***Shrink-On Thin Wall Tubing***

Manufactured from stabilized polyolefin, these insulators are used to insulate bare connectors and splices. They also provide a degree of strain relief and may be used to harness wires. Available in 1.2m lengths or spools.

##### **Featured Products**

Halogen Free non-lined 2:1 thin wall tubing

Extra clear heat shrink for use on power and data connections.

#### ***Shrink-On Medium Wall Tubing***

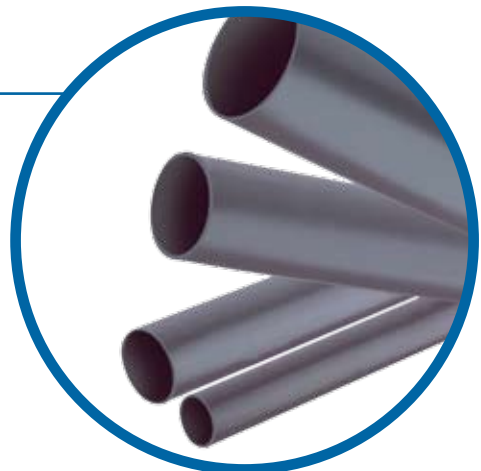
More flexible than heavy wall products, with excellent resistance to impact & abrasion.

- Seals and protects cable splices and terminations
- Adhesive lining provides complete environmental protection and insulation.

#### ***Shrink-On Heavy Wall Tubing***

When it comes to moisture proofing connections and terminations, Thomas & Betts' heat shrinkable tubing, boots and end caps offer the greatest performance. Made of cross linked polyolefin, these heat shrinkable insulators can be used over a wide variety of materials.

Thomas & Betts heat shrinkable insulators are designed to be easy to use. They provide an appropriate level of insulation and abrasion protection.



## HSTW Series - Thin Wall resists common fluids & solvents

Thomas & Betts Halogen Free<sup>+</sup> Heat Shrinkable Tube is a newly developed environmentally friendly, flame retardant tube using a specially designed formulation of advanced polymers. The product demonstrates excellent flexibility, quick shrinking and stable performance over time making it ideal for a wide variety of applications in electronics & communications including insulating, harnessing, mechanical protection, identification and corrosion & rust proofing.

### Characteristics :

- Halogen free<sup>+</sup>
- Operating Temperature - 55°C to 125°C
- Shrink Ratio 2:1
- Shrink temperature - start at 70°C and shrunk totally at 120°C
- Flexible & flame retardant
- Meets RoHS standards
- Complies with UL224 VW-1, C-UL CSA C 22.2 OFT



### » HSTW SERIES - THIN WALL FLAME RETARDANT

| Cat. Number Prefix | Size(mm) | As Supplied (mm) |              | After Recovery (mm) |              | Application Range | Lengths (m) |       |
|--------------------|----------|------------------|--------------|---------------------|--------------|-------------------|-------------|-------|
|                    |          | ID               | Average WT   | Max ID              | Average WT   |                   | Stick       | Spool |
| HSTW1.50 *         | 1.5      | 2.0 +/- 0.3      | 0.18+/- 0.05 | 0.85                | 0.32+/- 0.10 | 0.95 - 1.4        | 1.2         | 200   |
| HSTW2.50 *         | 2.5      | 3.0 +/- 0.3      | 0.18+/- 0.05 | 1.30                | 0.32+/- 0.10 | 1.35 - 2.3        | 1.2         | 200   |
| HSTW3 *            | 3.0      | 3.5 +/- 0.4      | 0.18+/- 0.05 | 1.50                | 0.40+/- 0.10 | 1.6 - 2.7         | 1.2         | 200   |
| HSTW5 *            | 5.0      | 5.5 +/- 0.4      | 0.25+/- 0.05 | 2.50                | 0.55+/- 0.10 | 2.6 - 4.5         | 1.2         | 100   |
| HSTW7 *            | 7.0      | 7.5 +/- 0.4      | 0.28+/- 0.05 | 3.50                | 0.55+/- 0.10 | 3.7 - 6.3         | 1.2         | 100   |
| HSTW10 *           | 10.0     | 10.5 +/- 0.5     | 0.30+/- 0.08 | 5.00                | 0.60+/- 0.10 | 5.2 - 9.0         | 1.2         | 100   |
| HSTW13 *           | 13.0     | 13.5 +/- 0.5     | 0.35+/- 0.10 | 6.50                | 0.65+/- 0.10 | 6.7 - 12.0        | 1.2         | 100   |
| HSTW20 *           | 20.0     | 22.0 +/- 0.7     | 0.40+/- 0.15 | 10.00               | 0.80+/- 0.15 | 10.4 - 19.0       | 1.2         | 100   |
| HSTW25 *           | 25.0     | 26.0 +/- 0.7     | 0.55+/- 0.15 | 12.50               | 0.90+/- 0.15 | 12.8 - 24.0       | 1.2         | 50    |
| HSTW40 *           | 40.0     | 41.5 +/- 0.7     | 0.55+/- 0.15 | 20.00               | 1.00+/- 0.15 | 21 - 39           | 1.2         | 50    |
| HSTW50 *           | 50.0     | 51.0 +/- 0.7     | 0.55+/- 0.15 | 25.00               | 1.00+/- 0.15 | 26.0 - 49.0       | 1.2         | 25    |
| HSTW80 *           | 80.0     | ≥ 80             | 0.70+/- 0.15 | 41.00               | 1.46+/- 0.20 | 45.0 - 75.0       | 1.2         | 25    |
| HSTW100 *          | 100.0    | ≥ 100            | 0.70+/- 0.20 | 51.00               | 1.46+/- 0.20 | 55.0 - 95.0       | 1.2         | 25    |
| HSTW120 *          | 120.0    | ≥ 120            | 0.70+/- 0.20 | 61.00               | 1.56+/- 0.20 | 65.0 - 115.0      | 1.2         | 15    |

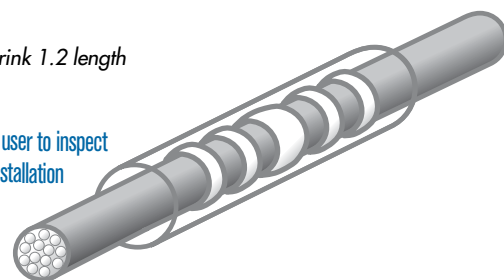
\* Thomas & Betts HSTW Heatshrink is available in a range of colours and both 1.2m lengths or spools. For the complete Catalogue number please use the system below -

**CATALOGUE # PREFIX + COLOUR CODE + LENGTH** eg HSTW5R1.2 = 5mm Red Thin Wall Heatshrink 1.2 length

### COLOUR CODES

- Black - BK
- Yellow<sup>+</sup> - Y
- Blue - BL
- Yellow / Green<sup>+</sup> - YG
- Red - R
- Green - G
- White<sup>+</sup> - W
- Clear<sup>+</sup> - C

Clear Shrink enables the user to inspect die & crimp details after installation



<sup>+</sup>Please note, yellow, white & yellow/green colours are not Halogen Free but are RoHS compliant. Clear is Halogen free but not flame retardant. Due to ongoing product development, specification changes may result

## HSTDW Series - Thin Wall - Adhesive Lined for general purpose commercial + industrial applications

Thomas & Betts environmentally friendly thin wall adhesive lined (dual wall) product is produced from flame retardant, cross linked polyolefin with an inner coating of hot melt adhesive. This product provides both electrical insulation and mechanical protection as well as a moisture proof environmental seal.

### Characteristics :

- Operating Temperature - 45°C to 125°C
- Shrink Ratio 3:1
- Shrink temperature - start at 70°C and shrunk totally at 120°C
- Inner layer glue melt temperature 70-90°C
- Flexible & flame retardant
- Waterproof
- Meets RoHS standards
- Tested to UL224, IEC243, IEC93 & ASTM standards



### » HSTDW SERIES - THIN WALL ADHESIVE LINED

| Cat. Number Prefix | Size(mm) | As Supplied (mm) |               | After Recovery (mm) |              | Application Range | Lengths (m) |       |
|--------------------|----------|------------------|---------------|---------------------|--------------|-------------------|-------------|-------|
|                    |          | ID               | Average WT    | Max ID              | Average WT   |                   | Stick       | Spool |
| HSTDW3BK *         | 3.2      | ≥ 3.2            | 0.30 +/- 0.08 | ≤ 1.0               | 0.95+/- 0.08 | 0.35+/- 0.08      | 1.2         | 200   |
| HSTDW5BK *         | 4.8      | ≥ 4.8            | 0.46 +/- 0.08 | ≤ 1.6               | 1.10+/- 0.08 | 0.40+/- 0.08      | 1.2         | 200   |
| HSTDW7BK *         | 6.4      | ≥ 6.4            | 0.50 +/- 0.08 | ≤ 2.2               | 1.20+/- 0.08 | 0.45+/- 0.08      | 1.2         | 200   |
| HSTDW10BK1.2       | 9.5      | ≥ 9.5            | 0.55 +/- 0.08 | ≤ 3.2               | 1.45+/- 0.08 | 0.50+/- 0.08      | 1.2         | -     |
| HSTDW13BK1.2       | 12.7     | ≥ 12.7           | 0.68 +/- 0.08 | ≤ 4.2               | 1.70+/- 0.08 | 0.50+/- 0.08      | 1.2         | -     |
| HSTDW20BK1.2       | 19.1     | ≥ 19.1           | 0.76 +/- 0.10 | ≤ 6.3               | 2.00+/- 0.10 | 0.55+/- 0.10      | 1.2         | -     |
| HSTDW25BK1.2       | 25.4     | ≥ 25.4           | 0.78 +/- 0.10 | ≤ 8.5               | 2.10+/- 0.10 | 0.55+/- 0.10      | 1.2         | -     |
| HSTDW39BK1.2       | 39.0     | ≥ 39.0           | 0.85 +/- 0.10 | ≤ 13.5              | 2.40+/- 0.10 | 0.60+/- 0.10      | 1.2         | -     |
| HSTDW50BK1.2       | 50.0     | ≥ 50.0           | 0.95 +/- 0.10 | ≤ 17.0              | 2.70+/- 0.10 | 0.70+/- 0.10      | 1.2         | -     |

\* Thomas & Betts HSTDW Heatshrink is available in black only and both 1.2m lengths or spools in 3mm, 5mm & 7mm diameter. For the complete Catalogue number of 3mm, 5mm & 7mm product please use the system below -

**CATALOGUE # PREFIX + LENGTH** eg HSTDW3BK1.2 = 3.2mm Black Thin Wall Glue Lined Heatshrink 1.2 length

Due to ongoing product development, specification changes may result



## HSMDW Series - Medium Wall - Adhesive Lined

### more flexible than heavy wall product

Thomas & Betts environmentally friendly medium wall, adhesive lined tube is produced from co-extruded polyolefin with an inner coating of hot melt adhesive. This product provides both electrical insulation and mechanical protection as well as a moisture proof environmental seal.

#### Characteristics :

- Seals & protects cable joints & terminations
- High resistance to impact and abrasion
- Thermoplastic adhesive lining guarantees complete environmental protection & insulation
- Operating Temperature - 45°C to 125°C
- Shrink Ratio nominal 3:1
- Shrink temperature - start at 70°C and shrunk totally at 125°C
- Inner layer glue melt temperature 70-90°C
- Meets RoHS standards
- Tested to UL224, IEC243, IEC93 & ASTM standards



#### » HSMDW SERIES - MEDIUM WALL ADHESIVE LINED

| Cat. Number | Size (mm) | As Supplied (mm) |        | After Recovery (mm) |                    | Length (m) |
|-------------|-----------|------------------|--------|---------------------|--------------------|------------|
|             |           | ID               | Max ID | Average WT          | Adhesive Thickness |            |
| HSMDW10/3   | 10.2      | ≥ 10.2           | ≤ 3.0  | 1.75+/- 0.25        | 0.35+/- 0.1        | 1          |
| HSMDW19/6   | 19.1      | ≥ 19.1           | ≤ 5.6  | 2.45+/- 0.25        | 0.45+/- 0.1        | 1          |
| HSMDW35/10  | 35.0      | ≥ 35.0           | ≤ 10.2 | 2.70+/- 0.25        | 0.50+/- 0.1        | 1          |
| HSMDW43/13  | 43.2      | ≥ 43.2           | ≤ 12.7 | 2.70+/- 0.25        | 0.50+/- 0.1        | 1          |
| HSMDW52/16  | 52.1      | ≥ 52.1           | ≤ 16.0 | 2.80+/- 0.30        | 0.50+/- 0.15       | 1          |
| HSMDW95/29  | 95.0      | ≥ 95.0           | ≤ 29.0 | 3.70+/- 0.35        | 0.60+/- 0.20       | 1          |
| HSMDW115/34 | 115.0     | ≥ 115.0          | ≤ 34.0 | 3.70+/- 0.35        | 0.60+/- 0.20       | 1          |

Thomas & Betts HSMDW Heatshrink is available in black only

Due to ongoing product development, specification changes may result

## HSHDW Series - Heavy Wall - Adhesive Lined

### maximum reliability for insulating + protecting cable joints + terminals

Thomas & Betts environmentally friendly heavy wall, adhesive lined tube is produced from cross linked polyolefin with an inner coating of hot melt adhesive. This product provides both electrical insulation and mechanical protection as well as a moisture proof environmental seal.

#### Characteristics :

- Seals & protects electrical & communication cable joints & terminations
- High impact, abrasion, corrosion & chemical resistance
- Thermoplastic adhesive lining guarantees complete environmental protection & insulation
- Operating Temperature - 45°C to 125°C
- Shrink Ratio nominal 3:1
- Shrink temperature - start at 70°C and shrunk totally at 125°C
- Inner layer glue melt temperature 70-90°C
- Meets RoHS standards
- Tested to UL224, IEC243, IEC93 & ASTM standards



#### » HSHDW SERIES - HEAVY WALL ADHESIVE LINED

| Cat. Number | Size (mm) | As Supplied (mm) | After Recovery (mm) |             |                    | Length (m) |
|-------------|-----------|------------------|---------------------|-------------|--------------------|------------|
|             |           | ID               | Max ID              | Average WT  | Adhesive Thickness |            |
| HSHDW9/3    | 9.0       | ≥ 9.0            | ≤ 3.0               | 2.3+/- 0.25 | 0.35+/- 0.10       | 1          |
| HSHDW20/6   | 20.0      | ≥ 20.0           | ≤ 6.0               | 2.9+/- 0.25 | 0.40+/- 0.10       | 1          |
| HSHDW33/10  | 33.0      | ≥ 33.0           | ≤ 10.2              | 3.6+/- 0.25 | 0.40+/- 0.10       | 1          |
| HSHDW43/12  | 43.2      | ≥ 43.2           | ≤ 12.0              | 5.0+/- 0.35 | 0.70+/- 0.20       | 1          |
| HSHDW51/16  | 51.0      | ≥ 51.0           | ≤ 16.0              | 5.0+/- 0.35 | 0.70+/- 0.20       | 1          |
| HSHDW70/21  | 70.0      | ≥ 70.0           | ≤ 21.0              | 5.0+/- 0.35 | 0.70+/- 0.20       | 1          |

Thomas & Betts HSHDW Heatshrink is available in black only

Due to ongoing product development, specification changes may result

## HSC Series - Heat Shrinkable End Caps

Thomas & Betts heat shrinkable end caps are produced from cross linked polyolefin with an inner coating of hot melt adhesive. End caps can provide electrical insulation, sealing, water-proofing, resistance to chemical corrosion and abrasion for electrical & communications cabling during installation & storage.

Characteristics :

- Operating Temperature - 55°C to 100°C
- Shrink Ratio - 2:1
- Shrink temperature - start at 100°C and shrunk totally at 130°C
- Waterproof
- Tested to UL224, IEC93, IEC243, ISO62, ISO846 & ASTM standards



### » HSC SERIES - HEAT SHRINKABLE END CAPS

| Cat. Number | Main Diameter    |                     | Full length (mm) | Wall Thickness   |                     |
|-------------|------------------|---------------------|------------------|------------------|---------------------|
|             | As supplied (mm) | After recovery (mm) |                  | As supplied (mm) | After recovery (mm) |
| HSC11       | ≥ 11.0           | ≤ 5.5               | ≥ 22.0           | -                | ≥ 1.1               |
| HSC16       | ≥ 16.0           | ≤ 7.5               | ≥ 75.0           | 1.3 +/- 0.1      | ≥ 2.2               |
| HSC25       | ≥ 25.0           | ≤ 10.5              | ≥ 80.0           | 1.5 +/- 0.1      | ≥ 2.3               |
| HSC32       | ≥ 32.0           | ≤ 16.5              | ≥ 90.0           | 1.5 +/- 0.1      | ≥ 2.5               |
| HSC50       | ≥ 50.0           | ≤ 26.0              | ≥ 115.0          | 2.0 +/- 0.1      | ≥ 3.4               |
| HSC70       | ≥ 70.0           | ≤ 37.0              | ≥ 120.0          | 1.8 +/- 0.1      | ≥ 2.5               |
| HSC100      | ≥ 100.0          | ≤ 46.0              | ≥ 140.0          | 1.8 +/- 0.1      | ≥ 3.5               |
| HSC120      | ≥ 120.0          | ≤ 57.0              | ≥ 155.0          | 1.8 +/- 0.1      | ≥ 3.5               |

Thomas & Betts HSC End Caps are available in black only

Due to ongoing product development, specification changes may result



## HSB Series - Heat Shrinkable Breakouts

Thomas & Betts heat shrinkable breakouts are produced from cross linked polyolefin with an inner coating of hot melt adhesive. Breakouts are suitable for termination of PVC and XLPE cable providing electrical insulation, sealing, water-proofing and resistance to chemical corrosion and abrasion.

### Characteristics :

- Operating Temperature - 55°C to 100°C
- Voltage rating up to 35kV
- Shrink Ratio - 2:1
- Shrink temperature - start at 100°C and shrunk totally at 130°C
- Waterproof
- Tested to IEC, ISO & ASTM standards



### » HSC SERIES - HEAT SHRINKABLE BREAKOUTS

|                 | Breakout Main Diameter |                     | Finger Diameter  |                     |                  |                    |
|-----------------|------------------------|---------------------|------------------|---------------------|------------------|--------------------|
| Cat. Number     | As Supplied (mm)       | After Recovery (mm) | As Supplied (mm) | After Recovery (mm) | Full Length (mm) | Finger Length (mm) |
| 2 Core Breakout |                        |                     |                  |                     |                  |                    |
| HSB25-2         | ≥ 25.0                 | ≤ 11.0              | ≥ 10.0           | ≤ 5.0               | 135.0 +/- 5.0    | 55.0 +/- 5.0       |
| HSB30-2         | ≥ 30.0                 | ≤ 13.0              | ≥ 16.0           | ≤ 7.0               | 145.0 +/- 5.0    | 60.0 +/- 5.0       |
| HSB40-2         | ≥ 40.0                 | ≤ 15.0              | ≥ 20.0           | ≤ 9.0               | 145.0 +/- 5.0    | 65.0 +/- 5.0       |
| HSB50-2         | ≥ 50.0                 | ≤ 17.0              | ≥ 25.0           | ≤ 11.0              | 140.0 +/- 5.0    | 60.0 +/- 5.0       |
| 3 Core Breakout |                        |                     |                  |                     |                  |                    |
| HSB27-3         | ≥ 27.0                 | ≤ 17.0              | ≥ 12.0           | ≤ 5.0               | 130.0 +/- 5.0    | 50.0 +/- 5.0       |
| HSB50-3         | ≥ 50.0                 | ≤ 22.0              | ≥ 19.0           | ≤ 7.0               | 165.0 +/- 5.0    | 60.0 +/- 5.0       |
| HSB60-3         | ≥ 60.0                 | ≤ 28.0              | ≥ 24.0           | ≤ 8.0               | 170.0 +/- 5.0    | 65.0 +/- 5.0       |
| HSB70-3         | ≥ 70.0                 | ≤ 36.0              | ≥ 29.0           | ≤ 13.0              | 215.0 +/- 5.0    | 80.0 +/- 5.0       |
| HSB90-3         | ≥ 90.0                 | ≤ 45.0              | ≥ 40.0           | ≤ 15.0              | 220.0 +/- 5.0    | 90.0 +/- 5.0       |
| HSB105-3        | ≥ 105.0                | ≤ 53.0              | ≥ 44.0           | ≤ 18.0              | 225.0 +/- 5.0    | 90.0 +/- 5.0       |
| HSB130-3        | ≥ 130.0                | ≤ 63.0              | ≥ 61.0           | ≤ 24.0              | 230.0 +/- 5.0    | 85.0 +/- 5.0       |
| 4 Core Breakout |                        |                     |                  |                     |                  |                    |
| HSB40-4         | ≥ 40.0                 | ≤ 18.0              | ≥ 10.0           | ≤ 5.0               | 130.0 +/- 5.0    | 55.0 +/- 5.0       |
| HSB50-4         | ≥ 50.0                 | ≤ 24.0              | ≥ 15.0           | ≤ 7.0               | 150.0 +/- 5.0    | 55.0 +/- 5.0       |
| HSB70-4         | ≥ 70.0                 | ≤ 32.0              | ≥ 24.0           | ≤ 9.0               | 175.0 +/- 5.0    | 75.0 +/- 5.0       |
| HSB80-4         | ≥ 80.0                 | ≤ 44.0              | ≥ 30.0           | ≤ 12.0              | 195.0 +/- 5.0    | 75.0 +/- 5.0       |
| HSB95-4         | ≥ 95.0                 | ≤ 44.0              | ≥ 35.0           | ≤ 12.0              | 200.0 +/- 5.0    | 80.0 +/- 5.0       |
| 5 Core Breakout |                        |                     |                  |                     |                  |                    |
| HSB40-5         | ≥ 40.0                 | ≤ 21.0              | ≥ 10.0           | ≤ 5.0               | 150.0 +/- 5.0    | 55.0 +/- 5.0       |
| HSB55-5         | ≥ 55.0                 | ≤ 29.0              | ≥ 15.0           | ≤ 7.0               | 170.0 +/- 5.0    | 65.0 +/- 5.0       |
| HSB70-5         | ≥ 70.0                 | ≤ 38.0              | ≥ 24.0           | ≤ 9.0               | 175.0 +/- 5.0    | 65.0 +/- 5.0       |
| HSB90-5         | ≥ 90.0                 | ≤ 49.0              | ≥ 30.0           | ≤ 12.0              | 190.0 +/- 5.0    | 80.0 +/- 5.0       |

Thomas & Betts HSB Breakouts are available in black only

Due to ongoing product development, specification changes may result

# Shrink-Kon®

## Portable Heat-Shrink Torch

### Separate fuel and air flow controls enable precise adjustment of flame and temperature up to 1350°C.

The Shrink-Kon® Portable Heat-Shrink Torch offers a safe, simple, and effective solution to virtually any application requiring a controlled flame. The unit offers a maximum output of 1350°C – hot enough even for thick-wall heatshrink tubing – yet operates on standard, widely available butane, yielding up to 220 minutes per fueling.

Individual controls for fuel and air flow enable easy adjustment of temperature and precise flame control. It's perfect for use on thin-wall heatshrink sleeving, as well as heatshrink terminals and labels. It's also ideal for brazing and soldering. To start the unit, simply twist the start button to the on position and push. The piezo ignition automatically lights the torch.

For safety, a kill-switch button turns the flame off instantly, and a safety lock prevents accidental ignition. The ergonomic rubber grip and rugged, lightweight (only 280g filled) construction prevent operator fatigue or discomfort. The Shrink-Kon® portable Heat-Shrink Torch includes a sturdy, removable base for hands free operation.

#### Specifications

Dimensions (without base): 9.9cm L x 3.6cm W x 13.7cm H  
Weight (when filled): 280g  
Fuel Tank Capacity: 0.06L  
Operating Time (per full fuel tank): Up to 220 minutes

#### Safe:

- Safety lock prevents accidental ignition
- Kill-switch button allows instant shut-off

#### Simple:

- Runs on widely available standard butane fuel
- Automatic piezo ignition offers quick, easy lighting
- Ergonomic rubber grip and light weight to ensure user comfort
- Sturdy, removable base for hands-free use

#### Effective:

- 1350°C output capacity satisfies virtually any heat shrink, brazing, or soldering requirement
- Dual fuel and air-flow controls enable separate adjustment of temperature and flame precision
- Brass and steel construction provides durability

| Cat. Number | Description                             |
|-------------|---|
| WT-PTORCH   | Shrink-Kon® Portable Heat Shrink Torch* |

\* Please note that for safety reasons, the WT-PTORCH ships without fuel. The unit operates on standard butane, purchased separately.

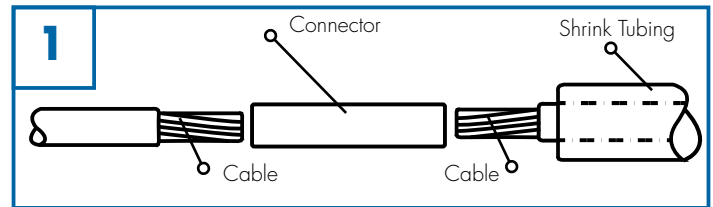


## Installation Guidelines & Cross Reference

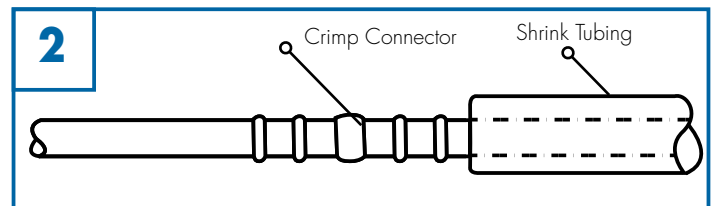
### Installation

#### No Special Installation Skills Required

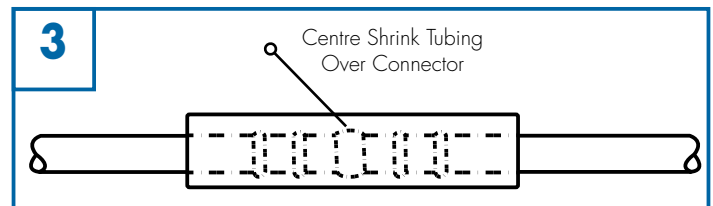
1. Remove any oil, grease, water, dirt etc by wiping the cable ends and connector/link. Remove any sharp edges or burrs.
2. Centre tubing over the splice connectors/links
3. If using a gas burner, use the cooler, soft flame. Do not hold the torch still in one position or concentrate the hot inner flame of the torch on the tubing; this may cause scorching.
4. Begin heating the tubing in the centre. Recover the central portion of the tubing first by heating around the circumference of the splice. Keep the heat source moving around the circumference of the insulator to ensure uniform shrinkage.
5. Continue heating around the tubing and out toward one end. Move the torch around the tubing until one end is completely recovered.
6. Repeat the above procedure on the opposite end of the splice, again working from the centre outward and around the tubing.
7. Installation is complete when the tubing conforms to the link and if present, adhesive flow is apparent at both ends.



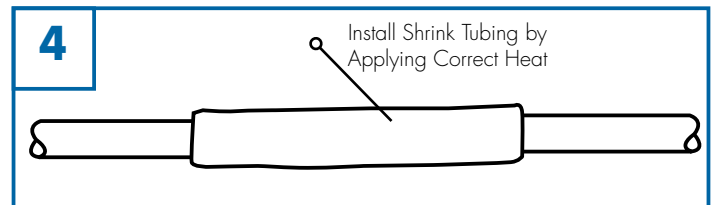
Connector and Heat-Shrinkable Tubing prior to installation



Crimp connector installed



Heat-Shrinkable tube in position



Heat-Shrinkable tube after heat application

#### » CROSS REFERENCE

| SERIES | Thomas & Betts | Cabac     | Repelec        |
|--------|----------------|-----------|----------------|
|        | HSTW           | XLP/XLPHF | RAYHS          |
|        | HSTDW          | XDW       | RAYATUM        |
|        | HSMDW          | SMDW      | RAYMWTM        |
|        | HSHDW          | STDW      | RAYWCSM        |
|        | HSC            | SRE       | RAY102         |
|        | HSB            | KEV       | RAY302/402/502 |



[www.tnbaust.com](http://www.tnbaust.com)

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