

# VFFC Series

## Heat Shrink Tubing

pro-POWER

RoHS  
Compliant



### Features:

- 2:1 shrink ratio
- Low shrink temperature reduces installation time and the risk of damage to temperature-sensitive components
- Very flexible; doesn't easily wrinkle when bent
- Hot stamps extremely well
- Higher temperature rating, better thermal stability, and higher resistance to physical abuse than non-crosslinked materials
- Free of polybrominated biphenyls (PBBs) and polybrominated biphenyl oxides and ethers (PBBOs and PBBEs), which are classified as environmentally hazardous substances
- Polyolefin tubing

### Applications:

Cost-effective choice for many commercial and military applications; electrically insulates and protects in-line components, disconnect terminals, and splices. Bundles wires for very flexible light-duty harnesses. Strain-relieves electrical wire connections for commercial applications. Identifies or colour-codes wires, cables, terminals, and components.

### Specifications:

#### Installation:

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Minimum Shrink Temperature        | : 70°C (158°F)                    |
| Minimum Full Recovery Temperature | : 90°C (194°F)                    |
| Operating Temperature Range       | : -55°C to 135°C (-67°F to 275°F) |

### Part Number Table

| Description                       | Size<br>(Inches) | Colour | Inside Diameter             |                                       | Recovered Wall<br>Thickness*<br>After Heating | Part Number     |
|-----------------------------------|------------------|--------|-----------------------------|---------------------------------------|-----------------------------------------------|-----------------|
|                                   |                  |        | Expanded as<br>Supplied     | Maximum<br>Recovered<br>After Heating |                                               |                 |
| Heatshrink, 1.6mm,<br>Black, 1.2m | 1/16             | Black  | 1.85 ±0.2<br>(0.073 ±0.008) | 0.8 (0.031)                           | 0.43 ±0.08<br>(0.017 ±0.003)                  | VFFC-1/16-0-STK |
| Heatshrink, 2.4mm,<br>Black, 1.2m | 3/32             |        | 2.79 ±0.2<br>(0.110 ±0.008) | 1.2 (0.046)                           | 0.51 ±0.08<br>(0.020 ±0.003)                  | VFFC-3/32-0-STK |
| Heatshrink, 3.2mm,<br>Black, 1.2m | 1/8              |        | 3.43 ±0.2<br>(0.135 ±0.008) | 1.6 (0.062)                           |                                               | VFFC-1/8-0-STK  |
| Heatshrink, 4.8mm,<br>Black, 1.2m | 3/16             |        | 5.21 ±0.3<br>(0.205 ±0.010) | 2.4 (0.093)                           |                                               | VFFC-3/16-0-STK |

Dimensions : Millimetres (Inches)

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Part Number Table

| Description                     | Size (Inches) | Colour | Inside Diameter                        |                                 | Recovered Wall Thickness* After Heating | Part Number    |
|---------------------------------|---------------|--------|----------------------------------------|---------------------------------|-----------------------------------------|----------------|
|                                 |               |        | Expanded as Supplied                   | Maximum Recovered After Heating |                                         |                |
| Heatshrink, 6.4mm, Black, 1.2m  | 1/4           |        | 7.11 $\pm$ 0.3<br>(0.280 $\pm$ 0.010)  | 3.2 (0.125)                     | 0.64 $\pm$ 0.08<br>(0.025 $\pm$ 0.003)  | VFFC-1/4-0-STK |
| Heatshrink, 9.5mm, Black, 1.2m  | 3/8           |        | 10.16 $\pm$ 0.4<br>(0.400 $\pm$ 0.015) | 4.8 (0.187)                     |                                         | VFFC-3/8-0-STK |
| Heatshrink, 12.7mm, Black, 1.2m | 1/2           |        | 13.72 $\pm$ 0.4<br>(0.540 $\pm$ 0.015) | 6.4 (0.250)                     |                                         | VFFC-1/2-0-STK |
| Heatshrink, 19mm, Black, 1.2m   | 3/4           |        | 20.45 $\pm$ 0.4<br>(0.805 $\pm$ 0.015) | 9.5 (0.375)                     | 0.76 $\pm$ 0.08<br>(0.030 $\pm$ 0.003)  | VFFC-3/4-0-STK |
| Heatshrink, 25.4mm, Black, 1.2m | 1             |        | 25.53 $\pm$ 0.4<br>(1.055 $\pm$ 0.015) | 12.7 (0.500)                    | 0.89 $\pm$ 0.12<br>(0.035 $\pm$ 0.005)  | VFFC-1-0-STK   |
| Heatshrink, 1.6mm, Black, 5m    | 1/16          |        | 1.85 $\pm$ 0.2<br>(0.073 $\pm$ 0.008)  | 0.8 (0.031)                     | 0.43 $\pm$ 0.08<br>(0.017 $\pm$ 0.003)  | VFFC-1/16-0    |
| Heatshrink, 3.2mm, Black, 5m    | 1/8           |        | 3.43 $\pm$ 0.2<br>(0.135 $\pm$ 0.008)  | 1.6 (0.062)                     | 0.51 $\pm$ 0.08<br>(0.020 $\pm$ 0.003)  | VFFC-1/8-0     |
| Heatshrink, 4.8mm, Black, 5m    | 3/16          | Black  | 5.21 $\pm$ 0.3<br>(0.205 $\pm$ 0.010)  | 2.4 (0.093)                     |                                         | VFFC-3/16-0    |
| Heatshrink, 6.4mm, Black, 5m    | 1/4           |        | 7.11 $\pm$ 0.3<br>(0.280 $\pm$ 0.010)  | 3.2 (0.125)                     | 0.64 $\pm$ 0.08<br>(0.025 $\pm$ 0.003)  | VFFC-1/4-0     |
| Heatshrink, 9.5mm, Black, 5m    | 3/8           |        | 10.16 $\pm$ 0.4<br>(0.400 $\pm$ 0.015) | 4.8 (0.187)                     | 0.64 $\pm$ 0.08<br>(0.025 $\pm$ 0.003)  | VFFC-3/8-0     |
| Heatshrink, 12.7mm, Black, 5m   | 1/2           |        | 13.72 $\pm$ 0.4<br>(0.540 $\pm$ 0.015) | 6.4 (0.250)                     |                                         | VFFC-1/2-0     |
| Heatshrink, 19mm, Black, 5m     | 3/4           |        | 20.45 $\pm$ 0.4<br>(0.805 $\pm$ 0.015) | 9.5 (0.375)                     | 0.76 $\pm$ 0.08<br>(0.030 $\pm$ 0.003)  | VFFC-3/4-0     |
| Heatshrink, 25.4mm, Black, 5m   | 1             |        | 25.53 $\pm$ 0.4<br>(1.055 $\pm$ 0.015) | 12.7 (0.500)                    | 0.89 $\pm$ 0.12<br>(0.035 $\pm$ 0.005)  | VFFC-1-0       |
| Heatshrink, 2.4mm, Black, 5m    | 3/32          |        | 2.79 $\pm$ 0.2<br>(0.110 $\pm$ 0.008)  | 1.2 (0.046)                     | 0.51 $\pm$ 0.08<br>(0.020 $\pm$ 0.003)  | VFFC-3/32-0    |

Note: Wall thickness will be less if tubing recovery is restricted during shrinkage.

Dimensions : Millimetres (Inches)

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