

| Conversion from imperial to metrics | | | | | | | | | |
|-------------------------------------|-------|-------|-------|-------|--------|--------|-------|------|-------|
| Zoll | 1/32" | 3/64" | 1/16" | 5/64" | 3/32" | 1/8" | 3/16" | 1/4" | 3/8" |
| mm | 0.8 | 1.2 | 1.6 | 2.0 | 2.4 | 3.2 | 4.8 | 6.4 | 9.5 |
| Zoll | 1/2" | 5/8" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 3" | 4" |
| mm | 12.7 | 15.9 | 19.1 | 25.4 | 31.8 | 38.1 | 50.8 | 76.2 | 101.6 |

The right heat shrink tube

The 80:20 rule means that a heat shrink tube should shrink by a maximum of 80% and a minimum of 20%. For example: A cable with a diameter of 5 mm is to be wrapped in heat shrinkable tubing. In theory both sizes 6/2 and 12/4 would be suitable since the required diameter of 5 mm lies within the shrink range of both tube sizes.

Maximum shrink (100%)



Maximum shrinkage = 4 mm

Optimum shrink max. (80%)



Shrinkage of 3.2 mm

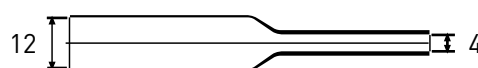
Optimum shrink min. (20%)



Shrinkage of 0.8 mm

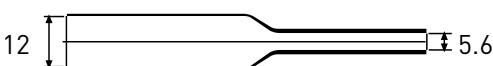
Size 6/2 has a range of application of between 2.8 mm and 5.2 mm and is therefore suitable for the cable diameter of 5 mm.

Maximum shrink (100%)



Maximum shrinkage = 8 mm

Optimum shrink max. (80%)



Shrinkage of 6.4 mm

Optimum shrink min. (20%)



Shrinkage of 1.6 mm

The smallest application diameter of size 12/4 is 5.6 mm. This size is therefore unsuitable for a cable diameter of 5 mm.

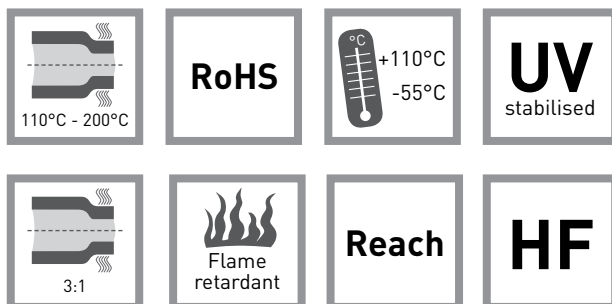
STECC

ShrinkTech® conductive end cap

Shrinktech® conductive end caps are used to seal cable ends where there are live power cables in the close proximity of the cable that has to be sealed. The conductive mastic coated end cap serves the function of neutralizing any potential induced in the cable due to the electric field around live cables. The end caps are made from thermally stabilized, cross linked, semi-conductive polymeric material.



- **Material:**
modified polyolefin + internal adhesive
- **Colour:**
black
- **Packaging:**
per unit
- Waterproof
- Environmental friendly, free from toxic and heavy metal compounds
- UV stabilised



| Article No. | Internal diameter (mm) | | Wall thickness fully recovered (mm) | Length (mm) | Cable diameter (mm) | Cable size (mm ²) |
|-------------|------------------------|----------------------|-------------------------------------|-------------|---------------------|-------------------------------|
| | Min. as supplied | Max. fully recovered | | | | |
| STECC-012 | 12 | 4.0 | 2.0 | 40 | 4-10 | 2.5-6 |
| STECC-014 | 14 | 4.5 | 2.0 | 45 | 5-12 | 4-10 |
| STECC-020 | 20 | 6.0 | 2.3 | 55 | 6-16 | 6-35 |
| STECC-025 | 25 | 8.0 | 2.3 | 83 | 10-20 | 25-50 |
| STECC-035 | 35 | 16.0 | 3.0 | 83 | 17-30 | 70-150 |
| STECC-040 | 40 | 16.0 | 3.0 | 83 | 18-32 | 70-185 |
| STECC-055 | 55 | 26.0 | 3.3 | 103 | 28-48 | 120-300 |
| STECC-075 | 75 | 36.0 | 3.5 | 120 | 45-65 | 185-400 |
| STECC-100 | 100 | 50.0 | 4.0 | 140 | 55-90 | 240-500 |
| STECC-120 | 120 | 60.0 | 4.0 | 150 | 65-110 | 240-630 |
| STECC-145 | 145 | 60.0 | 4.0 | 150 | 70-130 | 240-630 |
| STECC-160 | 160 | 82.0 | 4.0 | 150 | 90-150 | 300-800 |
| STECC-200 | 200 | 90.0 | 4.2 | 160 | 100-180 | 400-1000 |