



## Heat shrinkable tubing - PTFE

### TFE2 - 2:1 shrink ratio

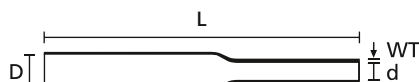
TFE is ideal for high temperature applications, when resistance to aggressive fluids is required or a very thin walled tubing is needed, for example in pH-measuring instruments. TFE tubing is also used to reduce movement due to friction, covering cylinders for example.

#### Features and benefits

- PTFE heat shrink tubing
- Very high temperature resistance
- Extra thin wall translucent tubing
- High abrasion resistance and good resistance against aggressive chemicals
- Available in either 2:1 (TFE2) or 4:1 (TFE4) shrink ratios



**Cut lengths available on request.  
Please contact us!**



Heat Shrinkable Tubing 2:1



TFE is available in either 2:1 or 4:1 shrink ratios.

|                                            |                                |
|--------------------------------------------|--------------------------------|
| <b>MATERIAL</b>                            | Polytetrafluoroethylene (PTFE) |
| <b>Operating Temperature</b>               | -65 °C to +260 °C              |
| <b>Min. Shrink Temperature</b>             | +330 °C                        |
| <b>Longitudinal Change After Shrinkage</b> | -20 % max.                     |
| <b>Dielectric Strength</b>                 | 40 kV/mm                       |
| <b>Flammability</b>                        | non-burning                    |

**RoHS** ✓

| TYPE    | Supplied<br>Ø D min. | Recov.<br>Ø d<br>max. | Wire Size<br>(AWG) | Wall<br>(WT) | Length<br>(L) | Colour           | Shrink Ratio | Tools | Article-No. |
|---------|----------------------|-----------------------|--------------------|--------------|---------------|------------------|--------------|-------|-------------|
| TFE2-30 | 0.86                 | 0.38                  | 30                 | 0.23         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00079   |
| TFE2-28 | 0.96                 | 0.46                  | 28                 | 0.23         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00099   |
| TFE2-26 | 1.17                 | 0.56                  | 26                 | 0.23         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00109   |
| TFE2-24 | 1.27                 | 0.69                  | 24                 | 0.25         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00139   |
| TFE2-22 | 1.39                 | 0.82                  | 22                 | 0.25         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00149   |
| TFE2-20 | 1.52                 | 0.99                  | 20                 | 0.30         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00159   |
| TFE2-18 | 1.93                 | 1.25                  | 18                 | 0.30         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00199   |
| TFE2-16 | 2.36                 | 1.55                  | 16                 | 0.30         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00249   |
| TFE2-14 | 3.05                 | 1.83                  | 14                 | 0.30         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00319   |
| TFE2-12 | 3.81                 | 2.26                  | 12                 | 0.30         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00399   |
| TFE2-10 | 4.85                 | 2.85                  | 10                 | 0.30         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00489   |
| TFE2-8  | 6.10                 | 3.58                  | 8                  | 0.38         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00619   |
| TFE2-6  | 7.67                 | 4.52                  | 6                  | 0.38         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00779   |
| TFE2-4  | 9.40                 | 5.69                  | 4                  | 0.38         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-00949   |
| TFE2-2  | 10.92                | 7.06                  | 2                  | 0.38         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-01109   |
| TFE2-0  | 11.94                | 8.81                  | 0                  | 0.38         | 1.2 m         | Transparent (CL) | 2:1          | 30;32 | 336-01209   |

All dimensions in mm. Subject to technical changes.

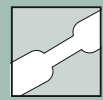
AWG: American Wire Gauge Minimum Order Quantity (MOQ) may differ from package content.



Add items to your watchlist!

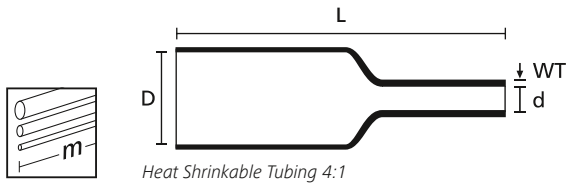
[www.HT.click/9-270](http://www.HT.click/9-270)





### Heat shrinkable tubing - PTFE

#### TFE4 - 4:1 shrink ratio



| TYPE       | Supplied<br>Ø D min. | Recov.<br>Ø d max. | Size<br>(imperial) | Wall<br>(WT) | Length<br>(L) | Colour           | Shrink Ratio | Tools | Article-No. |
|------------|----------------------|--------------------|--------------------|--------------|---------------|------------------|--------------|-------|-------------|
| TFE4-5/64  | 1.98                 | 0.64               | 5/64 "             | 0.22         | 1.2 m         | Transparent (CL) | 4:1          | 30;32 | 339-00209   |
| TFE4-1/8   | 3.17                 | 0.94               | 1/8 "              | 0.25         | 1.2 m         | Transparent (CL) | 4:1          | 30;32 | 339-00329   |
| TFE4-3/16  | 4.75                 | 1.27               | 3/16 "             | 0.30         | 1.2 m         | Transparent (CL) | 4:1          | 30;32 | 339-00340   |
| TFE4-1/4   | 6.35                 | 1.60               | 1/4 "              | 0.30         | 1.2 m         | Transparent (CL) | 4:1          | 30;32 | 339-00649   |
| TFE4-3/8   | 9.52                 | 2.44               | 3/8 "              | 0.30         | 1.2 m         | Transparent (CL) | 4:1          | 30;32 | 339-00959   |
| TFE4-1/2   | 12.7                 | 3.66               | 1/2 "              | 0.38         | 1.2 m         | Transparent (CL) | 4:1          | 30;32 | 339-01279   |
| TFE4-5/8   | 15.87                | 4.52               | 5/8 "              | 0.38         | 1.2 m         | Transparent (CL) | 4:1          | 30;32 | 339-01599   |
| TFE4-3/4   | 19.05                | 5.69               | 3/4 "              | 0.38         | 1.2 m         | Transparent (CL) | 4:1          | 30;32 | 339-01909   |
| TFE4-1     | 25.4                 | 7.06               | 1 "                | 0.38         | 1.2 m         | Transparent (CL) | 4:1          | 30;32 | 339-02549   |
| TFE4-1 1/4 | 31.80                | 8.82               | 1-1/4 "            | 0.38         | 1.2 m         | Transparent (CL) | 4:1          | 30;32 | 339-03189   |

All dimensions in mm. Subject to technical changes.  
Minimum Order Quantity (MOQ) may differ from package content.

| Recommended Tools |       |        |
|-------------------|-------|--------|
|                   | 30    | 32     |
|                   | H6100 | CHG900 |
|                   | 564   | 563    |

For more information on toolings please refer to the Application Tooling chapter.



Add items to your watchlist!  
[www.HT.click/9-271](http://www.HT.click/9-271)

