



## Low-Heat Shrinkable Tubing 2:1

### • TCN20 - self extinguishing

#### Features and Benefits

TCN20 is a general purpose, flame-retardant polyolefin tubing with good resistance to common fluids and solvents. This flexible, 2:1 shrink ratio tubing has an excellent physical and electrical performance. The low shrink temperature and good mechanical strength means this tubing is widely used in the electrical, electronics and automotive industries.

#### Application

TCN20 is suitable for a wide range of applications such as electrical insulation, mechanical protection and cable bundling.



Heat shrink tubing TCN20.



TCN20

| Material Data                       |                                        |
|-------------------------------------|----------------------------------------|
| Material                            | <b>Polyolefin, cross-linked (POX)</b>  |
| Colour                              | <b>Black (BK)</b>                      |
| Shrink Ratio                        | <b>2:1</b>                             |
| Longitudinal change after shrinkage | <b>+/- 5%</b>                          |
| Minimum Shrink Temperature          | <b>+100 °C</b>                         |
| Operating Temperature               | <b>-55 °C to +125 °C</b>               |
| Dielectric Strength                 | <b>20kV/mm according to ASTM D2671</b> |
| Flammability                        | <b>Self extinguishing</b>              |
| Specification                       | <b>UL224 125 °C 600V VW-1</b>          |



| Technical Table |                        |              |            |                |                 |
|-----------------|------------------------|--------------|------------|----------------|-----------------|
| Article-No.     | Type                   | Supplied Ø D | Recov. Ø d | Wall (WT) nom. | Reel Length (m) |
| 300-73010       | <b>TCN20-1.2/0.6</b>   | 1.2          | 0.6        | 0.30           | 300             |
| 300-73020       | <b>TCN20-1.6/0.8</b>   | 1.6          | 0.8        | 0.35           | 300             |
| 300-73030       | <b>TCN20-2.4/1.2</b>   | 2.4          | 1.2        | 0.45           | 300             |
| 300-73040       | <b>TCN20-3.2/1.6</b>   | 3.2          | 1.6        | 0.45           | 300             |
| 300-73050       | <b>TCN20-4.8/2.4</b>   | 4.8          | 2.4        | 0.50           | 300             |
| 300-73060       | <b>TCN20-6.4/3.2</b>   | 6.4          | 3.2        | 0.55           | 300             |
| 300-73070       | <b>TCN20-9.5/4.8</b>   | 9.5          | 4.8        | 0.55           | 100             |
| 300-73080       | <b>TCN20-12.7/6.4</b>  | 12.7         | 6.4        | 0.65           | 100             |
| 300-73090       | <b>TCN20-19.1/9.5</b>  | 19.1         | 9.5        | 0.80           | 60              |
| 300-73100       | <b>TCN20-25.4/12.7</b> | 25.4         | 12.7       | 0.90           | 60              |
| 300-73110       | <b>TCN20-38.1/19.1</b> | 38.1         | 19.1       | 1.02           | 30              |
| 300-73120       | <b>TCN20-50.8/25.4</b> | 50.8         | 25.4       | 1.15           | 30              |

All dimensions in mm. Subject to technical changes.



Please note! Not all products listed on this page may have this approval.  
For product specific approvals please refer to the Appendix.