

# tempertel®

**Application:** Dimensionally stable, elastic pressure hose for installation in water-cooled tools up to max. 150°C

**Working Pressure:** 16\* bar at working temperatures from -40°C to +150 °C

**Conveyed Product:** Water or hot water (hot water: temperature >100°C, pressure >1 bar)  
Not to be used with steam



Inner diameter / wall thickness	Bend Radius	Weight / m
10 x 5,0 mm	70 mm	0,265 kg
13 x 5,0 mm	80 mm	0,310 kg
16 x 5,0 mm	100 mm	0,415 kg
19 x 6,0 mm	110 mm	0,522 kg
25 x 6,0 mm	150 mm	0,668 kg
32 x 6,0 mm	190 mm	0,810 kg
38 x 6,5 mm	220 mm	1,040 kg
50 x 8,0 mm	300 mm	1,650 kg

**Description:** Lining: EPDM thick-walled  
Heat-proof special threads as textile insertion  
Cover: EPDM modified in order to facilitate an easy heat exchange  
Electrically conductive < 10<sup>6</sup> Ohm

**Marking:** Writing „tempertel®“ in blue or red ink-transfer label

**Installation guidelines:** For safe and proper installation please refer to Merkblatt T 002, BG Chemie.  
\* In case of dynamic load the indicated static working pressure has to be reduced by 30 %.

**Safety Instructions:** We recommend to seal the cutting edges of the hoses before installation to prevent liquid penetration. Technical details have been determined and verified using hose couplings acc. to DIN 2817

For more information about safe use of hot water hoses, please see T 002, section 6.3.3, “Zusätzliche Hinweise für den Umgang mit Schlauchleitungen für Dampf und Heisswasser“

All resistance data are recommended values, which can only be guaranteed temporarily. These values are based on laboratory tests of the lining material without dynamic load, on operational experience of our customers, bibliographical references of the suppliers as well as on comparisons with chemicals having similar properties. If the provided details are not sufficient for the user, it is necessary to carry out individual tests.

We keep ourselves at your disposal for any technical support you may require.