

EU Declaration of Conformity and Risk Assessment – Heat Shrink Tubing

Product Description

WKK's heat shrink tubing is made of cross-linked polyolefin and is designed to provide insulation, sealing, and mechanical protection for cables and electrical connections. The tubing shrinks when heated and conforms tightly to the substrate, ensuring environmental and mechanical protection.

Limits of Use

The heat shrink tubing is intended solely for insulating and protecting low-voltage electrical systems. It must not be used for high-voltage systems or as a structural mechanical component.

Hazard Analysis

1. **Thermal Hazards:** Risk of burns if heat guns or open flames are used improperly.
2. **Mechanical Hazards:** Risk of sharp edges or splitting if the tubing is improperly installed.
3. **Environmental Hazards:** Degradation of material properties if used outside the specified temperature or chemical resistance limits.

Risk Assessment

- Thermal risks are moderate if incorrect heating methods are used.
- Mechanical risks are low with proper installation.
- Environmental risks are minimal if operated within specification.



WKK GmbH
Zillessen-Allee 7
41334 Nettetal-Kaldenkirchen
Deutschland

T +49(0)2157 13 89 0
F +49(0)2157 13 89 99
E verkauf@wkk-europe.com
W www.wkk-europe.de

Risk Mitigation

1. **Correct Installation:** Use appropriate heating tools and techniques.
2. **Material Selection:** Select the correct tubing for temperature and chemical conditions.
3. **Proper Storage:** Store tubing in cool, dry environments away from UV exposure.

Warnings and Instructions for Use

- Shrink tubing using only controlled heat sources.
- Not suitable for high-voltage applications or mechanical load-bearing.

Declaration of Conformity

WKK GmbH hereby confirms that the heat shrink tubing complies with all applicable European standards and directives.

Bram Boers

Geschäftsführer | E: bram.boers@wkk-deutschland.de

T: 02157/1389-24 | F: 02157/1389-97

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WKK GmbH
Zillessen-Allee 7
D-41334 Nettetal-Kaldenkirchen
Tel.: 02157 - 1389-0
Fax: 02157 - 1389-99

Commerzbank Mönchengladbach
(BLZ: 310 400 15) Konto: 2995959
IBAN: DE57 3104 0015 0299 595900
BIC: COBADEFFXXX

Steuernummer: 11557490292
Steuernummer Ust-Id Nr.: DE 120501192
Amtsgericht Krefeld HRB Nr.: 10170

Die Lieferung erfolgt gemäß unseren Ihnen bekannten Geschäftsbedingungen.