

EU Declaration of Conformity and Risk Assessment – Heat-Resistant Plastic Cable Ties

Product Description

WKK's heat-resistant plastic cable ties are made of high-grade polyamide materials for applications requiring elevated temperature resistance. Available in polyamide 6.6 (up to 120 °C) and polyamide 4.6 (up to 150 °C), they are halogen-free, silicone-free, and flame-retardant according to UL 94 V-2.

Limits of Use

The cable ties are intended solely for bundling and securing cables and conduits. They must not be used for load-bearing or safety-critical applications or outside the specified temperature ranges.

Hazard Analysis

1. **Mechanical Hazards:** Risk of injury from sharp edges during installation or removal.
2. **Thermal Hazards:** Risk of material degradation if temperature limits are exceeded.
3. **Fire Risks:** Although self-extinguishing, cable ties are not a fire protection system.

Risk Assessment

- Mechanical risks are low with proper installation.
- Thermal risks are low when operated within the temperature specifications.
- Fire risks are minimal due to flame-retardant material properties.



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Risk Mitigation

1. **Correct Selection:** Choose the correct tie type for the operating temperature.
2. **Use Appropriate Tools:** Install and cut using proper equipment to avoid injuries.
3. **Inspection:** Check ties for embrittlement or damage before and during use.
4. **Correct Storage:** Store in dry, shaded environments at moderate temperatures.

Warnings and Instructions for Use

- Use only within the specified temperature ranges.
- Not suitable for load-bearing or critical safety applications.

Declaration of Conformity

WKK GmbH hereby confirms that the heat-resistant plastic cable ties comply with all applicable European standards and directives.

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Die Lieferung erfolgt gemäß unseren Ihnen bekannten Geschäftsbedingungen.