

## TEST CERTIFICATION

### FiWAGuard – Sensor Tubing HR


PRODUCT	DESCRIPTION	VERSION
<i>FiWAGuard – Sensor Tubing</i>	<i>Linear heat and flame detector and actuator for automatic fire suppression systems.</i>	<i>HR High resistance against chemicals and UV radiation</i>

#### Technical Data

Dimensions	Outer diameter: 6mm Inner diameter: 4mm
Material	Special modified Plyamide – Multilayer
Colour	Black
Melting Point	Approx. 220 degrees Celsius when heating up with 10K/minute
Operating Pressure	18 bar
Burst pressure at 20° C	approx. 120 bar
Operating temperature	Optimal temperature for Long-Term use is -20° C up to 60° C
Burst temperature at 18 bar working pressure without Flame and rapid heat increase	Approx. 150° C – 180° C
Maximum helium leakage rate	$1 \times 10^{-04} \text{ mbar} \cdot \text{l} / (\text{s} \cdot \text{m})$

Hereby we certify that FiWAGuard – Sensor Tubing HR meets the above mentioned technical specification and is specially developed for automatic fire suppression systems with FiWAGuard-components. It is of paramount importance that only original FiWAGuard tested and approved connectors and components are used with the FiWAGuard-Sensor Tubing. A constant high quality is assured by the FiWaRec quality system, which is in accordance with the ISO 9001:2008.

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