XTRALIS ASD PIPES

PIP-001-2.4

Overview



The Xtralis Aspirating Smoke Detection (ASD) pipes are designed specifically for use in ASD systems including VESDA, VESDA-E and FAAST FLEX. Manufactured from high-quality Acrylonitrile Butadiene Styrene (ABS), these pipes deliver consistent airflow and reliable transport of sampled air back to the detector. They are available in three colours (red, white and grey) to support both functional and aesthetic installation requirements.

The pipes are supplied in a 2.4-meter length and in packs of 25, making them well-suited for medium to large ASD installations. All pipes are fully compatible with the complete range of ASD fittings, ensuring seamless integration and optimal performance across ASD pipe networks.

Features

- Compatible with VESDA, VESDA-E and FAAST FLEX ASD systems
- Available in red, white and grey colours
- Easy to joint using ABS solvent cement with full compatibility across all ASD pipe fittings
- Supplied in 2.4 m lengths
- 25 mm OD and 21 mm ID smooth-bore design for consistent airflow and optimal system performance
- Packaged in bundles of 25 pipes
- Tough, durable ABS construction designed for long-term reliability
- Excellent chemical resistance for use in diverse environments
- Lightweight for easier handling and installation
- Ultra-low halogen content (<0.00001%)
- Manufactured under BS EN ISO 9001 quality standards
- Tested and certified to EN 54-20 and EN 61386-1

Ordering Information

Ordering Code	Description
PIP-001-2.4	ABS Pipes 25mm, Length 2.4m (25pcs), Red
PIP-001-2.4-G	ABS Pipes 25mm, Length 2.4m (25pcs), Grey
PIP-001-2.4-W	ABS Pipes 25mm, Length 2.4m (25pcs), White

Compatible ASD Brands

VESDA®
VESDA® E™
FAAST FLEX

ABS Specifications

Physical	
Specific Gravity	1.04 Test Method ASTM D792
Melt Mass- Flow Rate (MFR)	200°C/21.6 kg 47 g/10 min 200°C/5.0kg 4.1 g/10 min 220°C/10.0 kg 34 g/10 min Test Method ASTM D1238
Molding Shrinkage - Flow	0.0040 to 0.0070 in/in Test Method ASTM D955
Mechanical	
Tensile Strength	Yield, 23°C (73°F) 50.0mm (1.97 in) 6670 psi Test Method ASTM D638
Tensile Elongation	Yield, 23°C (73°F) 50.0 mm (1.97 in), 15% Test Method ASTM D638
Flexural Modulus	Yield, 23°C (73°F) 3.00 mm (0.118 in) 312000 psi Test Method ASTM D638
Flexural Strength	Yield, 23°C (73°F) 3.00 mm (0.118 in) 9230 psi Test Method ASTM D790
Hardness	Rockwell Hardness (R-Scale) 108 Test Method ASTM D785
Noched Izod Impact	23°C (73°F), 3.20 mm (0.126 in), 5.5 ft.lb/in 23°C (73°F), 6.40 mm (0.252 in), 4.8 ft.lb/in Test Method ASTM D256
Thermal	
Deflection Temperature under Load	1.8 MPa (264 psi), Unanneald 85°C/185°F Test Method ASTM D648
Vicat Softening Temperature	95°C/203°F Test Method ASTM D1525
Flammability	
Flame Rating	1.60 mm (0.0630 in) HB 2.20 mm (0.0866 in) HB 3.20 mm (0.126 in) HB Test Method UL 94

Quality

Manufactured in accordance with BS5391, and approved to BS EN ISO 9001 which covers product design, manufacture and inspection.

Design

The UK standards are:

- BS5839 - Fire Detection and Alarm Systems for Buildings
- BS6266 - Code of Practice for Fire Protection for Electronic Data Processing Installations
- Fire Industry Association (FIA) Code of Practice for Category 1 Aspirating Detection Systems
- VESDA System Design Manual
- Local codes and standards may apply

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Doc. No. 38430_01
May 2026

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