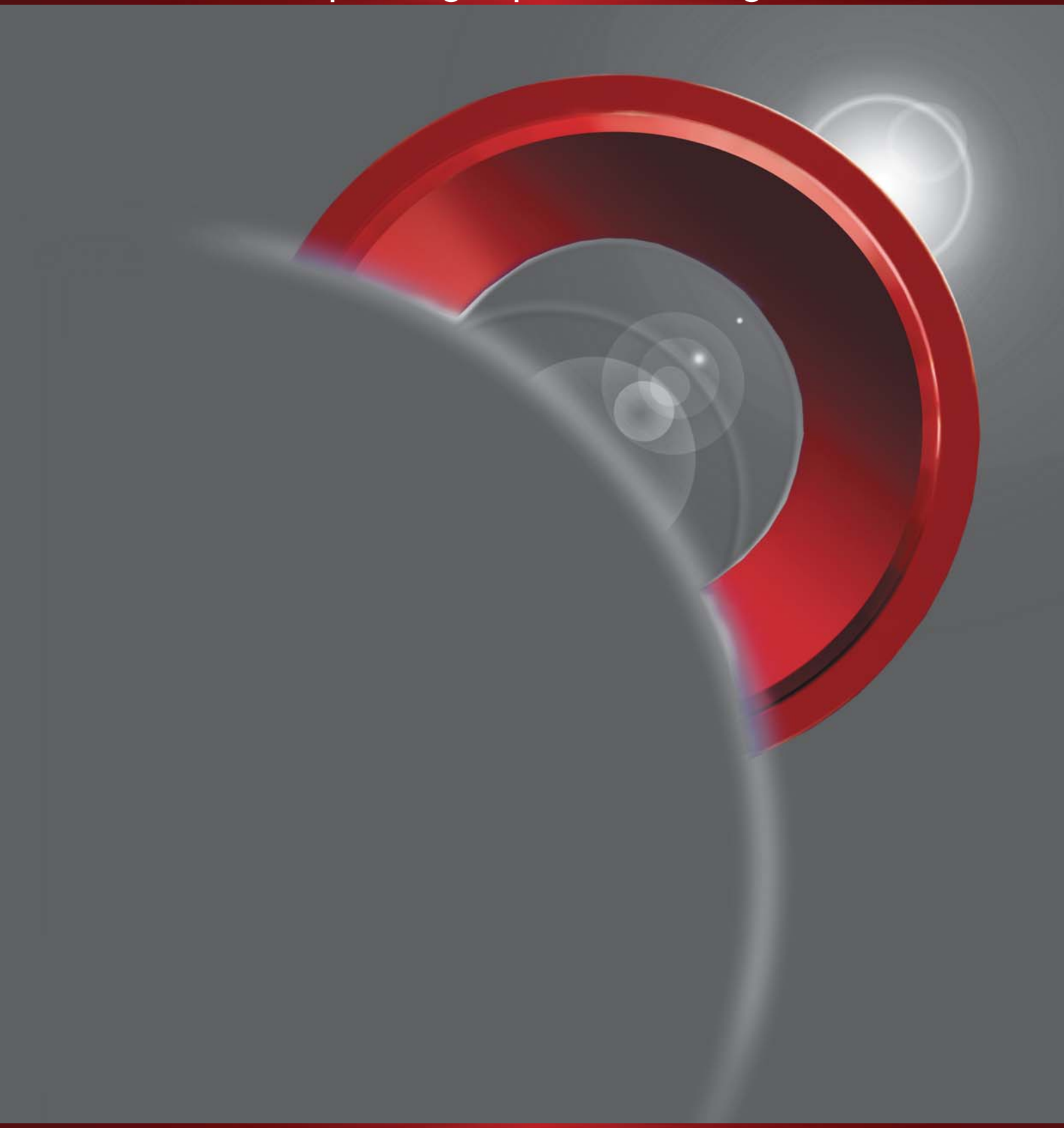
VESDA® by xtralis™

Aspirating Pipe and Fittings



With over 250,000 aspirating smoke detectors installed world wide the VESDA name has become synonymous with high quality and outstanding performance.

An aspirating smoke detection system, however, only performs at its best with a well designed and installed quality pipework system. Xtralis, manufacturer of VESDA detectors, recognised this requirement and in 1997 launched its VESDA Pipe and Fittings range. Since then we have been providing pipes and fittings for customers in over 25 countries and the list of satisfied clients becomes longer every day. Now we can share the secret of our success.

Quality does not necessarily cost more

We provide a one-stop source for aspirating detector, pipe, fittings and accessories thus saving you procurement time and cost.

We chose to manufacture our products from ABS (Acrylonitrile Butadiene Styrene), a very lightweight, versatile material, guaranteeing you easy and professional installation.

In addition to our high quality products we are committed to providing unparalleled customer services including Fast Track ordering, next day delivery in the U.K. mainland and outstanding technical support.

Designing pipework has never been easier

We have developed a computer software programme for you to design and model pipe system layouts so that you can apply the optimum solution for each system application. The VESDA ASPIRE2 software helps you to estimate:

- Smoke transport time
- Balance between air-flows amongst sampling pipes and holes
- Influence of varying end cap vent sizes
- Effect of various fittings
- Classification to EN54-20 (Class A, B or C).

You can attend one of our regular VESDA Accreditation Training Courses to become a confident user of the VESDA ASPIRE2 software.

We have also produced Application Design Guides to help you avoid design and installation problems and optimise the performance of your aspirating smoke detection system.

In addition to our free software tool and design guides we provide you with committed customer service – our experienced field engineers give you full technical advice and support on design and installation. Should you require our services for commissioning assistance or system performance testing our technical staff are always ready to help you.

VESDA by Xtralis...the sooner you know

VESDA Aspirating Pipe and Fittings are produced in red ABS under a stringent quality control system approved to BS EN ISO 9001, EN54 - 20 and EN61386-1 Class 1131 ABS (Acrylonitrile Butadiene Styrene) is a robust polymer, which has the most suitable physical properties for aspirating detection, optimising performance with tensile strength, chemical resistance, ductility, weatherability, heat stability and processability.

Toughness and durability

The Butadiene constituent of ABS enhances impact strength and toughness at temperatures ranging from -40°C to 70°C and gives exceptional resistance to accidental damage*.

Chemical resistance

Acrylonitrile impacts chemical resistance, thus ABS is unaffected by corrosive attack from a wide range of acids, alkaline and other aggressive chemicals.

Easy to joint

The Styrene constituent in ABS makes it an easy material to joint using ABS solvent. Simple modifications to existing pipework are also possible with minimal specialist training.

Lightweight

Unlike some metal pipes, VESDA ABS pipework is very light in weight. This makes it easy to handle in high and difficult places where systems are often installed.

Color

The standard VESDA pipe and fittings are supplied in fire red to identify its service as fire. Special orders of white can be accommodated for aesthetic reasons.

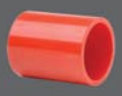
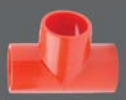
*Pipe work must be installed to accommodate thermal expansion.

Our range of VESDA pipe and fittings – tailored for your needs

Our range of Pipe and Fittings products have been specially developed to provide fully matched components for the optimal performance of your whole VESDA aspirating system. They are also manufactured to comply with the requirements of BS5391 Part 1, EN 61386-1 and the new EN54 Part 20 guaranteeing you the quality you are used to as a VESDA customer.

The pipes are a metric standard of 25 mm external diameter with suitable adapters available for imperial to metric conversions and are designed for use with any make of low pressure aspirating type smoke detection system.

Some pipes and fittings are not available in certain countries, please check with an Xtralis office before you order.

	**Pipe** **PIP-001**
	**Socket** **PIP-002**
	**Socket Union** **PIP-003**
	**Adaptor 25 mm–$^{3}/_{4}$”** **PIP-004**
	**90 Long Radius Bend** **PIP-005**
	**45 Elbow** **PIP-006**
	**End Cap** **PIP-007**
	**Equal Tee** **PIP-008**
	**Pipe Clip** **PIP-009**
	**Solvent Cement** **PIP-012**
	**Pipe Cutters** **PIP-014**
	**Flush Sample Point - Head only** **PIP-015**
	**Trunk Adapter** **PIP-016**

	**Flush Sample Point Kit** **059-001**
	**Conical Sample Point Kit** **059-007**
	**Label-Sampling Point** **128-014**
	**Label-Smoke Detector Pipe** **128-015**
	**Label-Sampling Point Wrap Around** **128-046**
	**Conical Sample Point - Head only** **144-013**
	**10 mm OD Capillary Pipe** **221-035**
	**Discreet End Cap (clear)** **222-059**
	**Smoke Test Wire** **251-001**
	**Smoke Matches** **251-002**
	**Smoke Pellets** **251-003**

	**Hot Wire Test Box** **VTT-10000**

Xtralis has been supplying VESDA pipe and fittings to over 25 countries including:

United Kingdom	France	Turkey	Ireland
Germany	Russia	The Netherlands	Spain
Cyprus	Belgium	Portugal	Israel
Denmark	Italy	Oman	Sweden
Switzerland	U.A.E.	Norway	Poland
Malta	Finland		

Need More Information?

Please contact our Xtralis sales desk for free copies of design guides:

VESDA Pipe and Fittings Design Guide

VESDA Application Design Guide

IDCs, EDPs, Computer Rooms
Cold Stores
Warehouses
Clean Rooms

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