

QRS CE MARKED INTUMESCENT FIRE SLEEVES

Quelfire QRS CE Marked Intumescent Fire Sleeves prevent the spread of fire where plastic pipes or plastic ducts penetrate fire compartment walls.



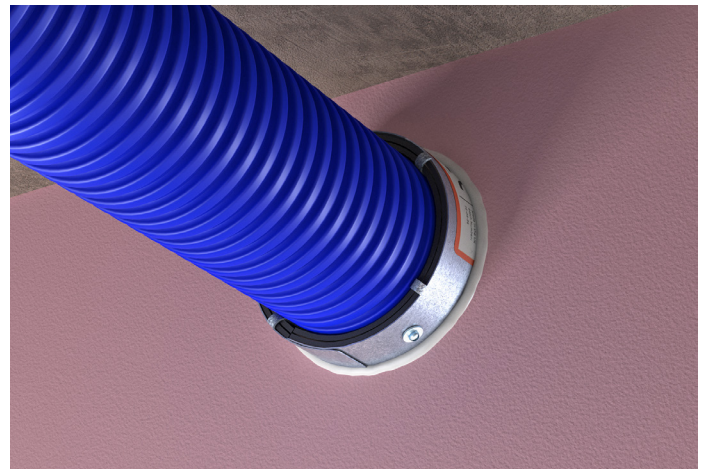
QRS CE Marked Intumescent Fire Sleeve - rectangular



QRS Fire Sleeve installed in plasterboard partition

FEATURES & BENEFITS

- CE Marked
- Tested to BSEN 1366-3: 2009
- Tested with Uncapped / Uncapped (U/U) duct configurations as required for ventilation ducts
- Up to 2 hour fire rating
- Suitable for masonry walls or plasterboard partitions
- Suitable for insulated and non-insulated partitions
- Can be retrofitted
- No mechanical fixings required
- Robust galvanised steel shell
- Performance unaffected by weathering (Type X Durability)



QRS Semi-rigid Fire Sleeve installed in plasterboard partition

COMPOSITION

The QRS Intumescent Fire Sleeves consist of a flexible galvanised steel shell containing graphite based intumescent material.

They are manufactured to suit flat ducts of 110x54mm, 205x60mm, and 220x90mm. And round ducts with 75mm, 100mm and 125mm overall diameter.

REGULATIONS

Building Regulations impose limitations on all pipes passing through fire compartment walls and floors. QRS Intumescent Fire Sleeves allow plastic ducts to meet the requirements of the Building Regulations. QRS Intumescent Fire Sleeves have been tested according to BSEN 1366-3: 2009 where various plastic duct sizes have met insulation and integrity criteria for this standard for up to 2 hours.

DURABILITY

Tested to Type X durability which means the QRS Fire Sleeves can be installed in conditions exposed to weathering. QRS CE Marked Fire Sleeves are expected to last the lifetime of the building.

TECHNICAL SUPPORT & GUIDANCE

Should you require any further information regarding this product, please don't hesitate to contact Quelfire Ltd.

PERFORMANCE

Product Code	Duct Size (mm)	Space needed around duct to fit QRS Slim Sleeve (mm)	Recommended aperture (mm)	QRS length (mm)	Fire Rating
QRS110/54	110 x 54	9	130 x 73	140	120 minutes
QRS205/60	205 x 60	9	225 x 80	180	120 minutes
QRS220/90	220 x 90	18	256 x 126	140	120 minutes
QRS75	75 Ø semi-rigid	10	87	140	120 minutes
QRS110*	100 Ø	10	130	180	120 minutes
QRS130*	125 Ø	20	170	180	90 minutes

*QRS130 and QRS110 are not currently CE Marked



QRS CE Marked Intumescent Fire Sleeve - circular



QRS CE Marked Intumescent Fire Sleeve - rectangular (open)

WARRANTY The Company warrants its products to be free from defects in material and workmanship for a period of 12 months from the date of delivery. The Company's obligation under this warranty is limited, as its option, to the repair or replacement, free of charge, or refund of the net Invoiced price of any part found to be defective, and which, in the Company's opinion, has not been subject to undue wear and tear, accident, alteration, abuse or misuse. Consequent damages are expressly disclaimed. Technical advice from Quelfire whether verbal, in writing or by way of trials, is given in good faith but without warranty. The application, use and installation of the Company's products are beyond the control of the Company, and the purchaser is solely responsible that goods are fit for any particular purpose. In line with the Company's policy of continual research and development, product specifications and availability are subject to change or withdrawal without prior notice.

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