

QFP QuelStop Intumescent Fire Pillows help prevent the spread of fire through metal cable trunking systems that penetrate through fire compartment walls.



QFP QuelStop Intumescent Fire Pillows



QFP QuelStop Intumescent Fire Pillows Installed in Steel Cable Trunking

FEATURES & BENEFITS

- 🔍 Fire Tested to BS EN1366-3-2009
- 🔍 To reinstate fire resistance through walls
- 🔍 Easy to install and remove
- 🔍 Available in 3 different sizes
- 🔍 Remains flexible between -20°C to +130°C
- 🔍 Moisture resistant lining
- 🔍 Trunking Areas of Use:
 - 🔍 Directly through flexible walls
 - 🔍 Directly through Rigid walls

APPLICATION

Quelfire Intumescent Fire Pillows can be used inside steel cable trunking up to 150x150mm where they penetrate fire compartment walls.

They are available in 3 different sizes allowing flexibility in choice to ensure that the trunking is fully sealed even with varying number of cables in them. The cables should not take up more than 60% of the available space inside the trunking and the Pillows should then be installed lengthways, centrally positioned within the wall, filling the remaining space.

COMPOSITION

QuelStop Intumescent Fire pillows consist of a glass cloth case containing organic filler materials and intumescent additives.

Typical Installation Detail – Directly through walls

Ensure the supporting construction, aperture, services and site conditions are within the tested scope of application.

Apertures in the wall should be cut as close as possible to the size of the steel trunking – ideally with a maximum 10mm annulus but in any case not exceeding the maximum sizes given below:

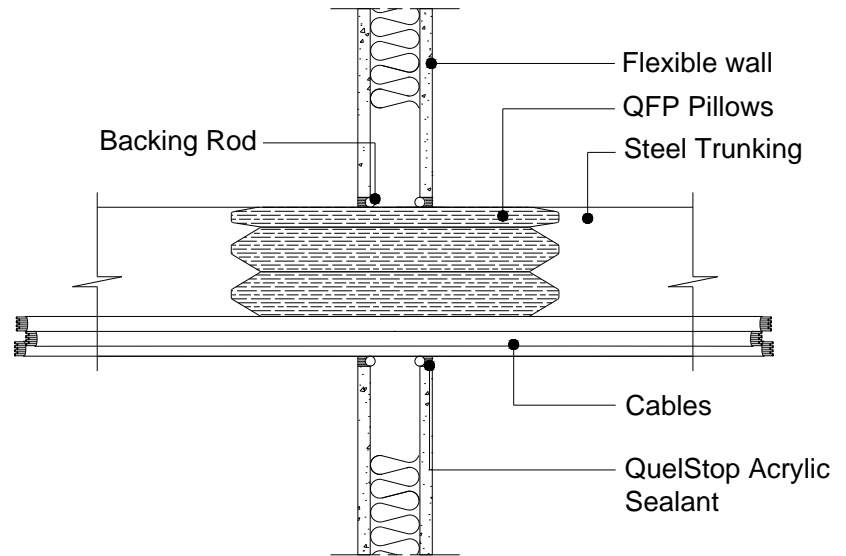
Penetration Service	Aperture in wall
Steel Trunking up to 50 x 50mm	Up to 70 x 70mm
Steel Trunking up to 150 x 150mm	Up to 170 x 170mm

QFP QUELSTOP INTUMESCENT FIRE PILLOW

Ensure the inside of the trunking and cables is clean and clear of loose dust particles.

Install the QuelStop Intumescent Fire Pillows lengthways within the trunking and in such a way that all joints are staggered in each layer and all gaps within the steel trunking system are filled in a manner that ensures a tight compression fit. They should be finally positioned so that they are centrally positioned within the fire compartment wall.

Fill the void around the trunking, using an appropriate backing material such as PE backing rod, glass wool, stone wool or ceramic wool and then apply QuelStop Intumescent Acrylic Sealant to a minimum depth of 10mm.



AVAILABLE SIZES

Product Code	Description	Size	Weight
QFP1	Small (Sausage)	330 x 50 x 20mm	50g
QFP2	Medium	330 x 200 x 25mm	185g
QFP3	Large	330 x 200 x 45mm	385g

OVERVIEW

Description	Result
Colour	Silver
Packaging	Boxed
Product Code	QFP1, QFP2, QFP3
Associated Products	QuelStop Acrylic Sealant
Fire resistance	Up to 60 mins integrity
Shelf Life	N/A if stored in cool, dry place.

Technical Support & Guidance:

Should you require any further information regarding this product, please do not hesitate to contact the technical department at Quelfire Ltd.

Tel: 0161 928 7308. Email: technical@quelfire.co.uk

Please be aware that this document is intended for general information only and all details should be checked against all relevant supporting test evidence, certification and installation guidelines.

Use of alternative components or deviations from the instructions in any way is likely to mean that the installation will not comply with the assessed rating.

Quelfire Ltd does not accept responsibility for the consequences of using Quelfire products in applications or for purposes not authorised by Quelfire Ltd. Expert advice should be sought where such applications are contemplated.

The policy of Quelfire Ltd is one of constant improvement. Details are subject to change and/or withdrawal without notification therefore you must ensure this is the latest published documentation. Whilst Quelfire will endeavour to keep its publications up to date, the accuracy of the information contained within this document may be affected by pertinent changes in the law or regulatory requirements and alterations or amendments to the specification of Quelfire products.

All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As Quelfire Ltd has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied, is intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given. Full terms and conditions can be accessed at: <https://quelfire.co.uk/terms-conditions-of-sale/>

MATERIAL SAFETY DATA SHEET

Product name	QuelStop Intumescent Fire Pillows
Product Code(s)	QFP1, QFP2, QFP3
Revision Date	01/05/2021
Revision number	01

Section 1: Identification of the substance/mixture and of the company / undertaking

1.1. Product identifier

Product name	QuelStop Intumescent Fire Pillows
Product Code	QFP1, QFP2, QFP3

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of Substance/Mixture	N/A
--------------------------	-----

1.3. Details of the supplier of the safety data sheet

Company Name	Quelfire Limited Springvale Industrial Estate Millbuck Way Sandbach CW11 3HT
Tel	0161 928 7308
Email	technical@quelfire.co.uk

1.4. Emergency telephone number

Emergency telephone number	0161 928 7308 (Office hours only)
----------------------------	-----------------------------------

Section 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification under CLP	This Product has no classification under CLP
Classification under CHIP	This Product has no classification under CHIP

2.2. Label elements

This product has no label elements

2.3. Other hazards

No additional information available

Section 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Not applicable

Section 4: First aid measures

MATERIAL SAFETY DATA SHEET

4.1. Description of first aid measures

Skin contact	Wash immediately with plenty of soap and water
Eye contact	Bathe the eye with running water for 15 mins
Ingestion	Wash out mouth with water
Inhalation	Consult a doctor

4.2. Most important symptoms and effects, both acute and delayed

Skin contact	There may be mild irritation at the site of contact
Eye contact	There may be irritation and redness
Ingestion	There may be irritation of the throat
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate/special treatment	N/A
-----------------------------	-----

Section 5: Fire-Fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Water spray. Dry Powder. Foam. Carbon Dioxide
------------------------------	---

5.2. Special hazards arising from the substance or mixture

Exposure hazards	Toxic fumes may be released
------------------	-----------------------------

5.3. Advice for fire-fighters

Advice for fire-fighters	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
--------------------------	--

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection	Refer to section 8 of the MSDS for personal protection details
---------------------	--

6.2. Environmental precautions

Environmental	Avoid release to the environment
---------------	----------------------------------

6.3. Methods and materials for containment and cleaning up

Clean-up procedures	Wash the spillage site with large amounts of water
---------------------	--

6.4. Reference to other sections

Reference to other sections	Refer to section 8 'Exposure controls/ personal protection' & Section 13 'Disposal considerations'.
-----------------------------	---

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements	Avoid dust formation
-----------------------	----------------------

7.2. Conditions for safe storage, including any incompatibilities

MATERIAL SAFETY DATA SHEET

Storage conditions	Store in cool, well ventilated area.
--------------------	--------------------------------------

7.3. Specific end use(s)

Specific end use(s)	No data available
---------------------	-------------------

Section 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area
Personal Protective Equipment	Dust Formation, Dust Mask, Gloves
Respiratory protection	Respiratory protective device with particle filter
Hand protection	Protective gloves
Eye protection	Safety glasses. Ensure eye bath is to hand.
Skin protection	Protective clothing

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Colour	Grey
--------	------

9.2. Other information

No data available

Section 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Decomposition may occur on exposure to conditions or materials listed below
--

10.4. Conditions to avoid

MATERIAL SAFETY DATA SHEET

Heat

10.5. Incompatible materials

Strong oxidising agents. Strong acids

10.6. Hazardous decomposition products

In combustion emits toxic fumes

Section 11: Toxicological information

11.1. Information on toxicological effects

No data available

Section 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

Biodegradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/ mixture does not meet the PBT criteria of REACH Regulation, annex XIII

12.6. Other adverse effects

Negligible ecotoxicity

Section 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	Disposal must be done according to official regulations.
Waste treatment methods	Dispose of contents/ container in accordance with licensed collector's sorting instructions

Section 14: Transport information

In accordance with ADR/ RID/ IMDG/ IATA/ ADN	
ADR	Not Applicable
RID	Not Applicable
IMDG	Not Applicable
IATA	Not Applicable
ADN	Not Applicable

MATERIAL SAFETY DATA SHEET

No supplementary information available

14.6. Special Precautions for user

Overland Transport	Not Applicable
Transport by sea	Not Applicable
Air transport	Not Applicable
Inland waterway transport	Not Applicable
Rail transport	Not Applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code.

Not Applicable

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH annex XIV substances
Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 th July 2012 concerning the export and import of hazardous chemicals
Contains no substance subject to Regulation (EU) No 209/1021 of the European Parliament and of the Council of 20 th June 2019 on persistent organic pollutants.

15.1.2 National Regulations

No additional information available

15.2. Chemical Safety Assessment

Chemical Safety Assessment	No chemical safety assessment has been carried out
----------------------------	--

Section 16: Other information

Abbreviations and acronyms	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of dangerous goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological Limit Value
CAS-No.	Chemical Abstract Service Number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 272/2008
DMEL	Derived Minimal Effect Level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community Number
EN	European Standard
IATA	International Air Transport Association

MATERIAL SAFETY DATA SHEET

IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

The Classification complies with ATP 12

Other information	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.
Legal disclaimer	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.