

## Application

**Flexible walls:** The wall must have a minimum thickness of 100 mm and comprise 50mm steel or timber studs. On both faces, have a minimum of 2 layers of 12.5 mm thick boards.

**Rigid walls:** The wall must have a minimum thickness of 100 mm and comprise concrete, aerated concrete, blockwork or masonry.

The supporting construction must be classified in accordance with EN 13501-2 for the required fire resistance period.

The total amount of cross sections of services shall not exceed 60% of the penetration area.

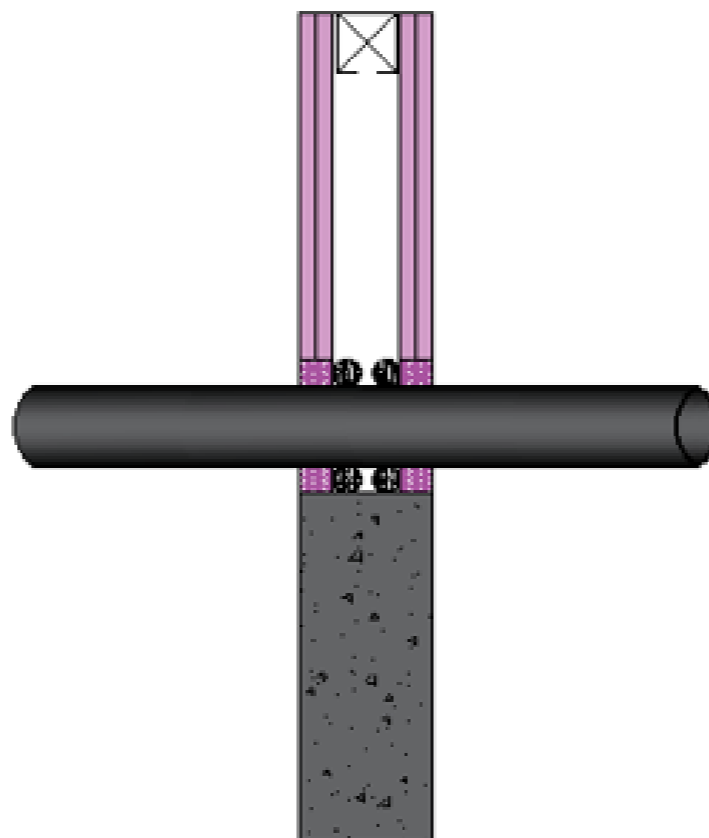
Maximum aperture size of 200 x 200 mm in a wall.

**Nullifire FS709 HP** Intumescent Sealant is applied to seal around the service **on both faces** at the interface between seal and supporting construction.

- All surfaces must be clean, free from dirt, grease and other contamination.
- Insert required backing material (see table on TDS), oversized to opening to ensure stability, to provide correct depth of seal.
- Using a suitable tool, cut nozzle of cartridge to bead size and angle required.
- Gun sealant into gap to required depth by applying an even pressure to the trigger.
- Work and tool to a smooth finish immediately with a wet profiling tool or spatula.

### Important Information:

- If used around Pegler X-Press Carbon Steel pipes, the pipe manufacturer should be consulted, and their recommendations followed.
- Do not use around CPVC pipes; for this specific application please use FS719 HP Blue for CPVC.
- Safety data sheet must be read and understood before use



## Combustible Pipes flexible or rigid wall (≥ 100 mm)

**FS709-DW100-SI-01-00001**

Tested according to EN 1366-3, classified to EN 13501-2

**ETA 20/1314**

Date of issue: 01/01/2021

Suitable for flexible and rigid walls, the performance of the fire stopping will always be limited to the performance of the surrounding substrates.

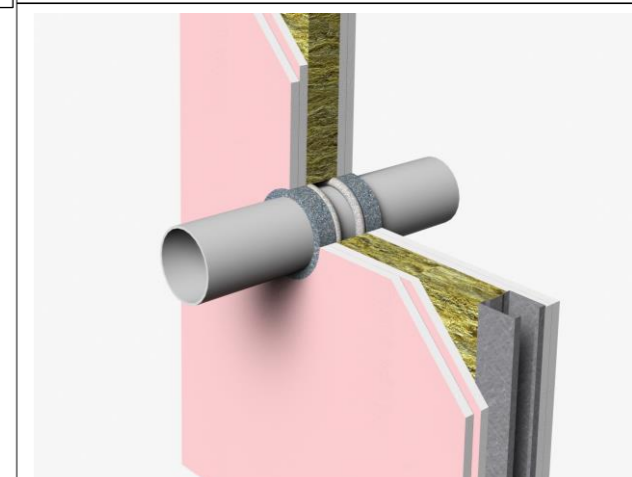


**Minimum  
Distances**

**See document 711A/ V3  
Service to sealant = 0mm**

Service	Diameter pipe (mm)	Pipe Wal thickness (mm)	Max. Opening (mm)	Seal structure	Classification
uPVC	Ø 40	1,9	Ø 80	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
uPVC	Ø 40	1.9-3.0	Ø 60	FS709 10mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
uPVC	Ø 110	3,2	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	E 120 I 90 U/C
uPVC	Ø 125	4,8-7,4	Ø 157	FS709 16mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
uPVC	Ø 125	8,2	Ø 165	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PE	Ø 40	3,7	Ø 80	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PE	Ø 90	8,2	Ø 115	FS709 12.5mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PE	Ø 90	8,2	Ø 130	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PE	Ø 110	3,4	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	E 120 I 90 U/C
PE	Ø 110	6,3	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PE	Ø 110	6,6	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PEX	Ø 28	2.0	Ø 62	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
ABS	Ø 40	7.2	Ø 80	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
ABS	Ø 90	6.0	Ø 115	FS709 12.5mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
ABS	Ø 114	6,4	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	E 120 I 90 U/C
ABS	Ø 110	11,2	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	E 120 I 60 U/C
PE	Ø 63	5,8	600x140	FS709, 25mm deep on each face, backed with 50 mm thick tightly packed stone wool (33 kg/m3)	E 120 I 90 U/C
PE conduit with Copper pipe inside	PE - Ø 63 Copper - Ø 15	PE - 5.8 Copper - 0.7	600x140	FS709, 25mm deep on each face, backed with 50 mm thick tightly packed stone wool (33 kg/m3)	E 120 I 90 U/C

\* Consult the ETA for detailed information



**Note – Also tested with insulation cut back, so suitable for use in non insulated partitions**

*The published fire ratings stated in this document have been achieved by strictly following the instructions set out in the ETA. The use of alternative components or any deviation from these instructions will invalidate the solutions provided in this document. CPG UK Ltd accept no responsibility for the use of Nullifire products or other CPG products in any applications or purposes not authorised or recommended by CPG. Further expert advice should always be sought where such applications are to be considered. This information is provided in good faith and is believed to be correct as of the date of publication based upon tested and certified solutions. The reader must always ensure that they are following the latest published versions of any drawings and instructions. CPG UK Ltd. assumes no liability, expressed or implied, as to the design, architecture, engineering, or workmanship of any project.*  
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