

Notes:

- installation instructions in [TDS](#)
- apply smokeseal Firetect Acrylic on 2 sides
- **other pipe dØ + s1** (thickness) are allowed within range and same pipe material
- EI for flexible walls ≥100mm is also applicable for **rigid walls** ≥100mm
- angle: perpendicular + all angles between 90° and 45°

principle detail

Firetect®

tested property

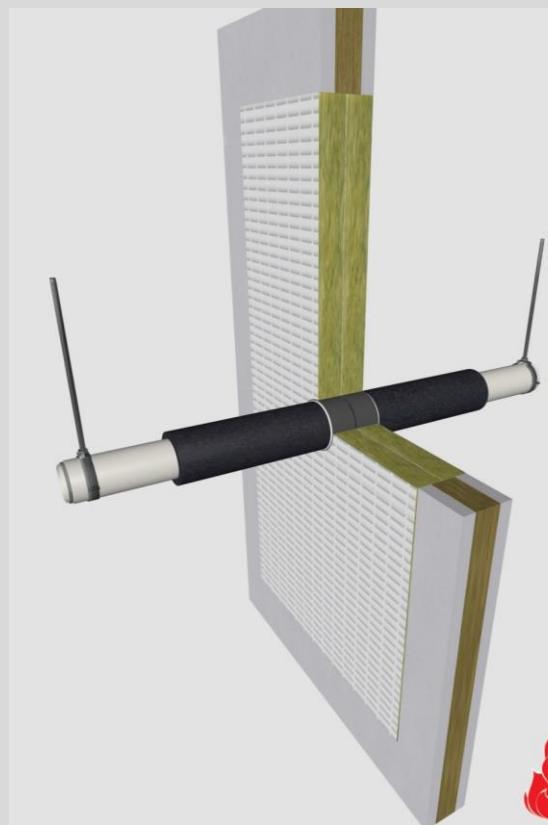
test method

service no.

fire resistance

EN 1366-3

0266



aluPE-X pipes

service type ¹⁾ dØ (mm)	s1 (mm)	pipe insulation	EI	constructive element ²⁾	Wrap	Firetect pipe wrap length $\pi \times \text{Ø} \times$ no. of layers	application 1 or 2 sides	finish required	max. opening in construction	pipe end configuration	max. angle
up to											
Ø16	2,0	synth. rubber 13mm	700 LS + LI + CS + Cl	EI 60	flexible walls ≥ 100 mm	$\pi \times \text{Ø} \times$ 2	2 sides	*	50 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
		13mm	700 LS + LI + CS + Cl	EI 60	flexible walls ≥ 100 mm	$\pi \times \text{Ø} \times$ 2	2 sides	*	600x1200 mm	U/C + C/C	
Ø25	2,5	synth. rubber 13mm	700 LS + LI + CS + Cl	EI 60	flexible walls ≥ 100 mm	$\pi \times \text{Ø} \times$ 2	2 sides	*	59 mm	U/C + C/C	
		13mm	700 LS + LI + CS + Cl	EI 60	flexible walls ≥ 100 mm	$\pi \times \text{Ø} \times$ 2	2 sides	*	600x1200 mm	U/C + C/C	
		13mm	700 LS + LI + CS + Cl	EI 90	rigid walls ≥ 100 mm in FR mortar	$\pi \times \text{Ø} \times$ 1	2 sides	*	200x1000 mm	U/C + C/C	
Ø63	6,0	synth. rubber 13mm	700 LS + LI + CS + Cl	EI 60	flexible walls ≥ 100 mm	$\pi \times \text{Ø} \times$ 2	2 sides	*	97 mm	U/C + C/C	
		13mm	700 LS + LI + CS + Cl	EI 60	flexible walls ≥ 100 mm	$\pi \times \text{Ø} \times$ 2	2 sides	*	600x1200 mm	U/C + C/C	
		13mm	700 LS + LI + CS + Cl	EI 90	rigid walls ≥ 100 mm in FR mortar	$\pi \times \text{Ø} \times$ 1	2 sides	*	200x1000 mm	U/C + C/C	
max.											
Ø75	7,5	synth. rubber 13mm	700 LS + LI + CS + Cl	EI 60	flexible walls ≥ 100 mm	$\pi \times \text{Ø} \times$ 2	2 sides	*	109 mm	U/C + C/C	
		13mm	700 LS + LI + CS + Cl	EI 60	flexible walls ≥ 100 mm	$\pi \times \text{Ø} \times$ 2	2 sides	*	600x1200 mm	U/C + C/C	
		13mm	700 LS + LI + CS + Cl	EI 90	rigid walls ≥ 100 mm in FR mortar	$\pi \times \text{Ø} \times$ 1	2 sides	*	200x1000 mm	U/C + C/C	

in PA board 2S 50 mm

* smokeseal Acrylic on 2 sides

¹⁾ Penetration services must be supported; support distance ≤ 500mm.

²⁾ Constructive element must be classified acc. EN 13501-2 for the required fire resistance period. EI for flexible walls ≥100mm is also applicable for **rigid walls** ≥100mm!