



principle detail

Firetect®

tested property
test method
service no.

fire resistance
EN 1366-3
19-17

PE-Xa pipes

Wrap

Firetect pipe wrap
length
 $\pi \times \varnothing \times$ no. of layers

service type ¹⁾		pipe insulation min. 28 kg/m ³ eg Uponor	EI	constructive element ²⁾	Firetect pipe wrap		application 1 or 2 sides	finish required	max. opening in construction	pipe end configuration	max. angle
dØ (mm)	s1 (mm)				length $\pi \times \varnothing \times$	no. of layers					
Ø15/28	2,5	polyolefin 10mm 1200 CS + Cl	EI 120	flexible walls ≥ 100 mm	$\pi \times \varnothing \times$	1	2 sides	*	32 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
			EI 120	flexible walls ≥ 100 mm	$\pi \times \varnothing \times$	2	2 sides	*	56 mm	U/C + C/C	
Ø16/25	2,2	polyolefin 10mm 1200 CS + Cl	EI 120	flexible walls ≥ 100 mm	$\pi \times \varnothing \times$	1	2 sides	*	29 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
			EI 120	flexible walls ≥ 100 mm	$\pi \times \varnothing \times$	1	2 sides	*	49 mm	U/C + C/C	
Ø32/54	4,4	polyolefin 20mm 1200 CS + Cl	EI 120	flexible walls ≥ 100 mm	$\pi \times \varnothing \times$	1	2 sides	*	58 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
			EI 90	flexible walls ≥ 100 mm	$\pi \times \varnothing \times$	2	2 sides	*	102 mm	U/C + C/C	

* smoke seal Acrylic on 2 sides

'Eccentric to zero' position in opening is allowed.

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!