

tested property
test method
service no.

fire resistance
EN 1366-3
15-39



PE-Xa pipes

Graphite sealant

service type dØ (mm) s1 (mm)	pipe insulation min. 28 kg/m ³ eg Uponor	EI	constructive element ²⁾	Firetect joint seal		application 1 or 2 sides	backing required	max. opening in construction	pipe end configuration		
				width	depth						
Ø15/28 2x bundled	-	EI 90	flexible walls ≥ 100 mm	10 mm	25 mm	2 sides	-	48 mm	U/C + C/C	perpendicular + all angles between 90° and 45°	
	-	EI 240	rigid walls ≥ 150 mm	15 mm	25 mm	2 sides	-	58 mm	U/C + C/C		
	-	EI 60	shaft walls ≥ 75 mm	10 mm	25 mm	2 sides	-	300 x 1200 mm	U/C + C/C		
	polyolefin 10mm	1200 CS + CI	EI 120	flexible walls ≥ 100 mm	10 mm	25 mm	2 sides	-	68 mm		U/C + C/C
	polyolefin 10mm	1200 CS + CI	EI 240	rigid walls ≥ 150 mm	15 mm	25 mm	2 sides	-	78 mm		U/C + C/C
polyolefin 10mm	1200 CS + CI	EI 60	shaft walls ≥ 75 mm	10 mm	25 mm	2 sides	-	300 x 1200 mm	U/C + C/C		
Ø16/25	-	EI 120	flexible walls ≥ 100 mm	10 mm	25 mm	2 sides	-	45 mm	U/C + C/C	perpendicular + all angles between 90° and 45°	
	-	EI 240	rigid walls ≥ 150 mm	15 mm	25 mm	2 sides	-	55 mm	U/C + C/C		
	polyolefin 10mm	1200 CS + CI	EI 120	flexible walls ≥ 100 mm	10 mm	25 mm	2 sides	-	65 mm		U/C + C/C
	polyolefin 10mm	1200 CS + CI	EI 240	rigid walls ≥ 150 mm	15 mm	25 mm	2 sides	-	75 mm		U/C + C/C
Ø32/54	-	EI 120	flexible walls ≥ 100 mm	10 mm	25 mm	2 sides	-	74 mm	U/C + C/C	perpendicular + all angles between 90° and 45°	
	-	EI 240	rigid walls ≥ 150 mm	15 mm	25 mm	2 sides	-	84 mm	U/C + C/C		
	-	EI 60	shaft walls ≥ 75 mm	10 mm	25 mm	2 sides	-	300 x 1200 mm	U/C + C/C		
	polyolefin 20mm	1200 CS + CI	EI 90	flexible walls ≥ 100 mm	10 mm	25 mm	2 sides	-	144 mm		U/C + C/C
	polyolefin 20mm	1200 CS + CI	EI 120	rigid walls ≥ 150 mm	15 mm	25 mm	2 sides	-	124 mm		U/C + C/C

on PA board 2S 50 mm

'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!