

tested property
 test method
 service no.

fire resistance
 EN 1366-3
 17-1-3



PP-R pipes

service type		pipe insulation min. 28 kg/m ³ eg Uponor	EI	constructive element ²⁾	FMU collar		application 1 or 2 sides	backing required	max. opening in construction	pipe end configuration	max. angle
dØ (mm)	s1 (mm)				Firetect pipe collar width	depth					
Ø40	min. 3,7	-	EI 240	rigid floors ≥ 150 mm	Ø40		1 side	*	40 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
	max. 5,5	-	EI 180	rigid floors ≥ 150 mm	Ø40		1 side	*	40 mm	U/C + C/C	
Ø63	min. 5,8	-	EI 120	rigid floors ≥ 150 mm	Ø63		1 side	*	63 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
	max. 8,6	-	EI 120	rigid floors ≥ 150 mm	Ø63		1 side	*	63 mm	U/C + C/C	
	2x bundled	5,8	polyolefin 25mm	750 LS + LI + CS + CI	EI 60	rigid floors ≥ 150 mm	Ø63	1 side	*	600 x 800 mm	
Ø75	min. 6,8	-	EI 120	rigid floors ≥ 150 mm	Ø75		1 side	*	75 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
	max. 10,3	-	EI 120	rigid floors ≥ 150 mm	Ø75		1 side	*	75 mm	U/C + C/C	
max.											
Ø110	min. 10	-	EI 90	rigid floors ≥ 150 mm	Ø110		1 side	*	110 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
	max. 15,1	-	EI 120	rigid floors ≥ 150 mm	Ø110		1 side	*	110 mm	U/C + C/C	

in PA board 2S 50 mm

* smoke seal Acrylic on 2 sides

¹⁾ Penetration services must be supported; support distance ≤ 400mm.

²⁾ Constructive element must be classified acc. EN 13501-2 for the required fire resistance period.