



tested property
test method
service no.

fire resistance
EN 1366-3
22-19

PP-MD pipes

FMU collar

service type ¹⁾ dØ (mm) s1 (mm)	pipe socket	non-standard config.	EI	constructive element ²⁾	Firetect pipe collar Ø in mm	application 1 or 2 sides	finish required	max. opening in construction	pipe end configuration	max. angle
Ø32 1,8	-		EI 240	rigid floors ≥ 150 mm	Ø40	1 side	*	32 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
Ø50 2,0	-		EI 180	rigid floors ≥ 150 mm	Ø50	1 side	*	50 mm	U/C + C/C	
Ø75 2,6	-		EI 240	rigid floors ≥ 150 mm	Ø75	1 side	*	75 mm	U/C + C/C	
Ø110 3,8	socket on 1 side		EI 120	rigid floors ≥ 150 mm	Ø110	1 side	*	110 mm	U/C + C/C	
			EI 240	rigid floors ≥ 150 mm	Ø140	1 side	*	140 mm	U/C + C/C	
		with acoustical damper	EI 180	rigid floors ≥ 150 mm	Ø110	1 side	*	202 mm	U/C + C/C	
		with acoustical damper	EI 180	rigid floors ≥ 150 mm in FR mortar	Ø110	1 side	*	250 x 250 mm	U/C + C/C	
Ø160 5,4	-		EI 180	rigid floors ≥ 150 mm	Ø160	1 side	*	160 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.