

tested property
 test method
 service no.

fire resistance
 EN 1366-3
 0178



PE + PP + PVC pipes

dØ (mm)	service type ¹⁾		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	
	PE	s1 (mm)									
up to											
Ø110	PE	3,4 up to 10,0		EI 120	rigid floors ≥ 150 mm	Ø110	1 side	*	110 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
	PVC	2,7 up to 10,0		EI 120	flexible ceilings ≥ 150 mm	Ø110	1 side	*	110 mm	U/C + C/C	
	PP	2,7 up to 6,3	screwed on or cast-in	EI 60	rigid floors ≥ 150 mm	Ø110	1 side	*	600x5000 mm	U/C + C/C	
Ø140	PE	4,9 up to 14,6		EI 90	rigid floors ≥ 150 mm	Ø140	1 side	*	140 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
	PVC	4,0 up to 14,6									
	PP	4,0 up to 14,6									
max.											
Ø160	PE	4,9 up to 14,6		EI 90	rigid floors ≥ 150 mm	Ø160	1 side	*	160 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
	PVC	4,0 up to 14,6									
	PP	4,0 up to 14,6									
individual test results											
Ø125	PE	3,9	max. 45° angle, ellipse shape	EI 120	rigid floors ≥ 150 mm	Ø160	1 side	*	125 mm	U/C + C/C	perpendicular + all angles between 90° and 0°
	PE	3,9	max. 45° angle, open collar	EI 180	rigid floors ≥ 150 mm	Ø200	1 side	*	125 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.