

Notes:

- installation instructions in [TDS](#)
- apply smoke seal Firetect Acrylic on 2 sides
- **other pipe dØ + s1** (thickness) are allowed within range and same pipe material
- angle: perpendicular + all angles between 90° and 45°

principle detail

Firetect®


tested property
test method
service no.

fire resistance
EN 1366-3
0170



PE + PP + PVC pipes

Wrap

dØ (mm)	service type ¹⁾		EI 	constructive element ²⁾	Firetect pipe wrap		application	finish	max. opening	pipe end configuration	max. angle
	s1 (mm)				length π x Ø x	no. of layers					
up to											
Ø110	PE	3,4 up to 10,0	EI 180	rigid floors ≥ 150 mm	π x Ø x	2	1 side	*	120 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
	PVC	2,7 up to 10,0									
	PP	2,7 up to 6,3									
Ø125	PE	3,9 up to 11,7	EI 180	rigid floors ≥ 150 mm	π x Ø x	3	1 side	*	137 mm	U/C + C/C	
	PVC	3,1 up to 11,7									
	PP	3,1 up to 7,1									
Ø140	PE	4,9 up to 14,6	EI 180	rigid floors ≥ 150 mm	π x Ø x	3	1 side	*	176 mm	U/C + C/C	
	PVC	4,0 up to 14,6									
	PP	4,0 up to 14,6									
max.											
Ø160	PE	4,9 up to 14,6	EI 180	rigid floors ≥ 150 mm	π x Ø x	3	1 side	*	176 mm	U/C + C/C	
	PVC	4,0 up to 14,6									
	PP	4,0 up to 14,6									

individual test results

Ø110	PVC	3,4	EI 90	rigid floors ≥ 150 mm	π x Ø x	2	1 side	*	400 x 400 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
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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.