

EN APPROVALS BY PIPE

Pipe Type	Collar	Measured pipe diameter range (mm)	Measured pipe wall thickness range (mm)	Measured pipe end or socket wall thickness range (mm)	Fire resistance classification against EN 13501-2:2016	
					Integrity	Insulation
PVC	H65S	40 to 63	3.3 to 5.1		180	240
	H110S	55 to 110	2.0 to 7.2		180	180
	H150S	110 to 160	3.3 to 10.3		120	120
PVC + SOCKET	H65S	40 to 63	3.5 to 5.0	3.5 to 5.0	180	240
	H110S	50 to 110	2.0 to 7.3	2.0 to 7.0	180	180
	H150S	110 to 160	6.4 to 10.1	7.0 to 10.8	120	180
PP	H65S	40 to 50	2.2 to 2.3		180	240
	H110S	50 to 110	2.1 to 3.8		120	180
	H150S	160	4.6 to 5.2		120	120
PP + PIPE END	H65S	40 to 50	1.8 to 2.7	1.8 to 2.7	180	240
	H110S	50 to 110	2.2 to 3.8	2.2 to 3.8	180	240
	H150S	110	3.4	3.4	180	240
PE-HD	H65S	26 to 64	3.0 to 6.4		120	240
	H110S	50 to 110	3.4 to 10.9		120	120
	H150S	110 to 160	4.2 to 15.4		120	120
PE-X	H65S	16 to 63	3.1 to 9.7		90	90

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