



Fire Protection Products 3M[™] Fire Barrier Plastic Pipe Device (PPD)

Technical Data Sheet	December / 2020
Product Description	3M [™] Fire Barrier Plastic Pipe Device is a one-piece metallic collar assembly encasing 3M [™] Fire Barrier FS-195+ Intumescent Wrap Strip material. Manufactured with 3M's firestop technology, 3M [™] Fire Barrier Plastic Pipe Device has been designed to firestop non-metallic penetrations in fire rated assemblies, helping prevent the passage of smoke and flames in the event of a fire. 3M [™] Fire Barrier Plastic Pipe Device is used for new and retrofit installations and will accommodate nominal 6 inch (168.3 mm actual) schedule 40 waste and vented non-metallic penetrants.
Product Features	 Intumescent – Expands when exposed to heat sealing voids created by combustible items One piece – making installation rapid and simple Factory made, assuring consistent build quality Smoke seal – retards spread of toxic by-products of combustion
Applications	3M™ Fire Barrier Plastic Pipe Device provides a rapid and simple method of sealing concrete wall and floor assembly non-metallic penetrations where fire resistance is needed.
	3M [™] Fire Barrier Plastic Pipe Device can be used to seal nominal 6 inch PVC pipes penetrating up to 2-hour fire rated assemblies. Assemblies may be constructed of solid concrete, concrete blocks and even hollow core concrete floors. See a third-party Fire Resistance Directory for up to date through penetration systems and designs.
Specifications	The penetration seal employing 3M [™] Fire Barrier Plastic Pipe Device must be capable of passing ASTM E814 (ANSI/UL 1479) Standard Method of Fire Tests for Through Penetration Fire Stops up to the desired fire resistance. All penetrations in fire-rated walls or floors shall be fitted and sealed with 3M Brand Fire Barrier Products in accordance with a tested and listed third party system/design and the manufacturer's installation instructions. 3M [™] Fire Barrier Plastic Pipe Device installations shall meet the requirements of the IBC, IRC, IFC, IPC, IMC, NFPA 5000, NEC (NFPA 70), NFPA 101 and NBCC

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Performance and Typical Physica	Colors Available	Silver and Red	
Properties	Unit	One (1) Steel collar with 3M™ Fire Barrier FS-195+ Intumescent Wrap Strip	
	Sizes Available	Nominal 6 in. (168.3 mm actual)	
Installation Techniques	mechanical/masonry f	Barrier Plastic Pipe Device may be applied in conjunction with asteners and steel washers. Power tools and hand tools ma material onto assemblies.	
		M™ Fire Barrier Plastic Pipe Device does not need an es may be drilled in concrete assemblies for fastening.	
	penetrating item. Dev	ightly wrap 3M™ Fire Barrier Plastic Pipe Device around ice to be held in place using the closure tab. Device to be bly using mechanical/masonry fasteners in conjunction with	
	when the product is a recommended that 3 ambient air temperatu	mended that 3M [™] Fire Barrier Plastic Pipe Device is applied t a temperature between 40°F (4°C) and 110°F (43°C). It is M [™] Fire Barrier Plastic Pipe Device be applied when the ure is 32°F (0°C) or higher. Do not apply 3M [™] Fire Barrie wet or frost-coated surfaces or to areas that are continuously water.	
Maintenance	No maintenance is expected to be required when 3M [™] Fire Barrier Plastic Pipe Device is installed in accordance with manufacturer's installation instructions. Once installed, if 3M [™] Fire Barrier Plastic Pipe Device is damaged, the following procedure will apply: damaged device must be removed. Device must be replaced with new product.		
Storage and Shelf Life		tic Pipe Device should be stored indoor in dry conditions. It the product remains in heated storage above 40°F (4°C)	
		tic Pipe Device shelf life is indefinite when stored indoor in 40°F (4°C) and below 100°F (38°C).	
Availability	Available from 3M Authorized Fire Protection Products Distributors. For additional technical and purchasing information, call 1-800-328-1687 or visit 3M.com/firestop.		
Safe Handling	Consult Safety Data Sheet prior to handling and disposing of 3M™ Fire Barrier Plastic Pipe Device.		
Technical Information		recommendations and other statements contained in this document are nce that 3M believes are reliable, but the accuracy or completeness of ranteed.	
Product Use		control and uniquely within user's knowledge and control can affect the us roduct in a particular application. Given the variety of factors that can affec	

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	the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.
Warranty, Limited Remedy and Disclaimer	Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.
Limitation of Liability	Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability



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