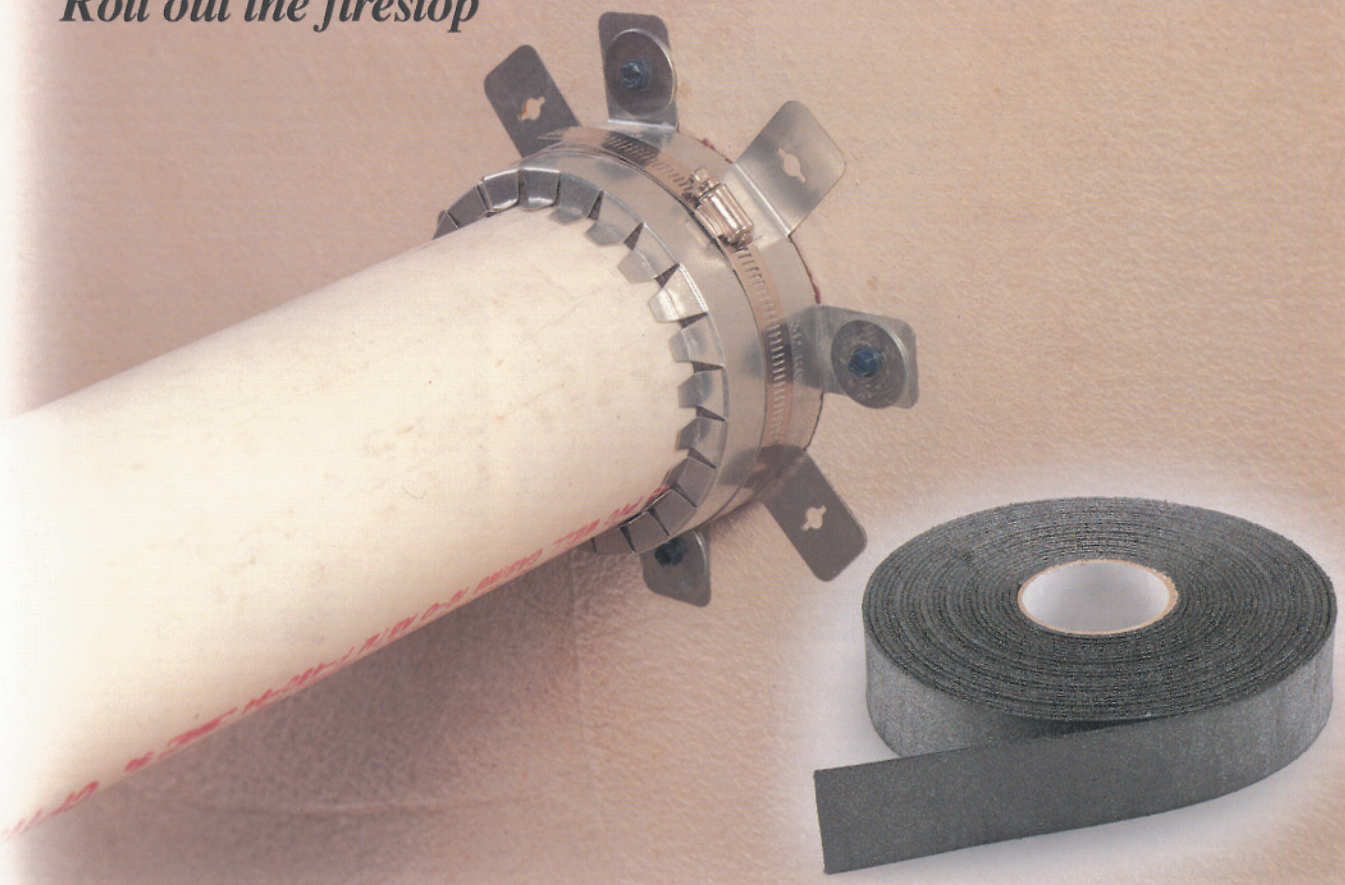
3M

Interam™ Ultra GS

Roll out the firestop



A highly effective, easy-to-install firestop for plastic pipes

Interam Ultra GS is a fast, cost-effective firestop for a wide variety of plastic pipes. Developed in 3M laboratories, Interam Ultra GS is a cutting-edge product that when exposed to temperatures of at least 300°F (149°C) intumesces rapidly, expanding up to 25x its original volume providing an effective firestop. It turns into a hard char that helps to block fire, smoke and noxious gases from passing through the opening. At the same time, Interam Ultra GS releases chemically bound water, which helps reduce temperature rise on the penetrating item.

Roll out the firestop

Unlike other firestop materials, Interam Ultra GS comes conveniently on a 40-foot roll. So you cut off only as much as you need, reducing waste.

This patent-pending 3M technology is unique in other ways as well. It's flexible and extremely easy to install, forming quickly around any size pipe in one continuous wrap.

UL testing

Firestopping plastic pipes can be a very complex task given the wide variety of pipes, annular spaces, different hourly ratings and different substrates. We've simplified this task with UL systems C-AJ-2214 and W-L-2147. In these systems, Ultra GS can firestop ccPVC, PVC, CPVC, FRPP, PVDF, ccABS and ABS for up to three hours using the same number of wraps for each type of pipe.

The systems are easy to understand; the product is flexible; it is fast to install; there is little or no waste; uses a continuous wrap; and it is effective on a wide variety of plastic pipes for up to three hours.

3M™ Interam™ Ultra GS

Applications

Interam Ultra GS provides a rapid and cost-effective means of sealing wall and floor penetrations where fire resistance is required.

This graphite-based intumescent material is used to seal ccPVC, PVC, CPVC, FRPP, PVDF, ccABS and ABS pipes, which penetrate one-, two- and three-hour fire-rated walls and floors. It may be applied to many different piping systems, including drain, waste, vent or closed pipe systems. Ultra GS is used in conjunction with the 3M™ RC-1 Restricting Collar for firestopping plastic pipe. See UL Fire Resistance Directory for through-penetration systems.



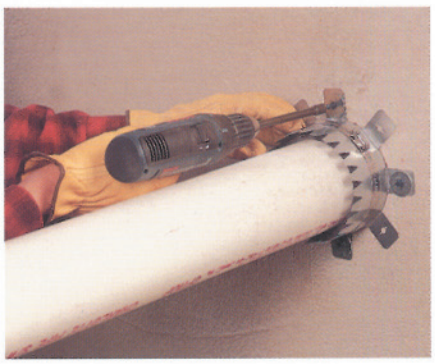
3M™ Interam™ Ultra GS is very easy to apply. Simply cut the desired amount from the roll and wrap it around the pipe.



Apply the 3M™ RC-1 Restricting Collar.



Tighten the collar.



Anchor collar to wall.

Specifications

A. Product

The penetration seal must be capable of passing ASTM E-814 (ANSI/UL 1479) Standard Method of Fire Tests for Through Penetration Fire Stops up to the desired fire resistance.

B. Engineering/Architectural

All penetrations in fire-rated walls or floors shall be fitted and sealed with 3M Brand Fire Barrier Products in accordance with the manufacturer's installation instructions.



LIMITATION OF REMEDIES AND LIABILITY: If the 3M product is proved to be defective, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 3M SHALL NOT OTHERWISE BE LIABLE FOR LOSS OR DAMAGES, WHETHER DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL (INCLUDING, BUT NOT LIMITED TO LOSS OF PROFITS, INVESTMENT, GOODWILL OR BUSINESS OPPORTUNITY), REGARDLESS OF THE LEGAL, THEORY ASSERTED, INCLUDING NEGLIGENCE, CONTRACT, WARRANTY, OR STRICT LIABILITY.

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