



# Technical Bulletin #1205 Brought to you by Abesco



Category Focus: Electrical / Data Communications

Product Focus: Firestop Sealants / Caulks vs. Pass-Through Devices



Sealants/Caulks have been the mainstay in the firestopping industry for many years and are an economical way to provide a safe secure firestop. The down side is that they are made to cure to a hardened state and must be totally removed when mining new cables and then replaced. Also, the thickness of the material is dependent on what the penetration is and most always is installed in conjunction with mineral wool as a backer. The combination of the two creates what is called a permanent firestop and can be labor intensive.

For high traffic areas that require flexibility or sure fire reliability, it is desirable to install an Abesco CT120 Cable Transit System. The devices, commonly known as Pass-Through Devices, are fast and easy requiring very little labor cost over the lifetime of the penetration and provide up to 4 hour fire ratings. Designed for the Data Communications and Electrical markets to use with a multitude of cable types, the devices can also be used with many other types of penetrants run through them. Our CT120's are made in both round and square sizes! Square devices allow up to 6 devices

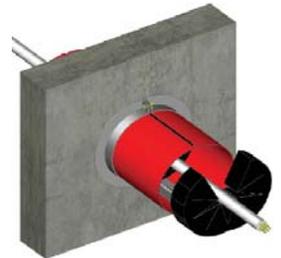
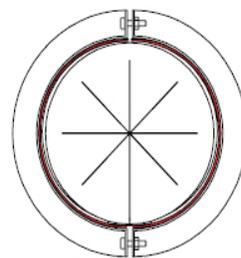
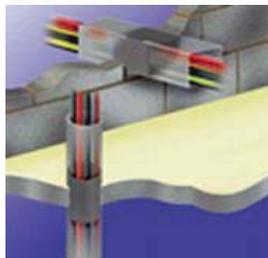
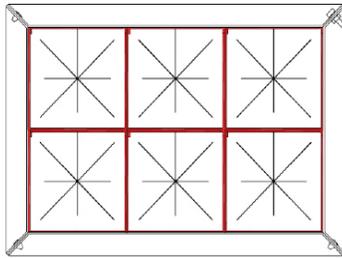
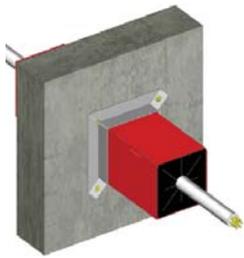
to be banked together, all giving you the option of 0-100% fill.

Putty sleeves and metal sleeves with mineral wool and sealant, require more time to install and are only rated for a maximum 48% cable fill. These sleeves require material to be removed and re-installed. Cable Transits, can be filled from 0 to 100% because the firestopping is an integral part of the device and can be used with a mix of penetrations or as a blank for future use.

Would you like to give your building or building's owner flexibility and future options for high traffic areas? Abesco products can help you reduce labor costs while adding positive features and peace of mind to your jobs.

Contact our office if you would like to learn more about our Abesco CT120 Cable Transit Systems and the other fine firestop products Abesco has to offer.

**2" Round, 4" Round, 2.5" Square, & 4" Square**



**407-851-3300**



**407-851-3388**

### Scotty's Technical Term for the day

INTUMESCENCE: A characteristic of certain fire barrier products that, when exposed to heat, expands to fill a void in the penetration caused by the deformation or combustion of the through penetrating item. When exposed to heat, intumescent materials expand at various rates to form a hard char to seal voids and provide hourly rated protection.

Scotty says: "Remember to document and label your firestop!"

Cable Transits - Pipe Collars - Foam - Mortar - Putty - Caulk - Caulking Guns

