

  
**FILO** form

connect ▶ seal ▶ protect ▶

## **IMPORTANT POINTS BEFORE YOU BEGIN**

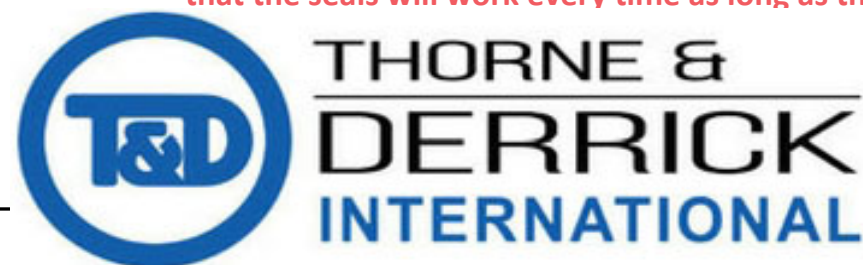
### **Filoseal+ HD installation**

1. The duct and cables/pipes must be both **clean and dry**.
2. Separation of the cables/pipes must be a minimum of 5mm both from each other and from the duct edges.
3. Gloves are provided in the kit for your use.
4. Filoseal+ HD kits may be installed in temperatures as low as -5 degrees C.

### **Installation Instructions**

1. Using the provided cleaning cloth, clean the first 20-25mm of the duct inner and the cables.
2. Using the provided abrasive, sand the duct inner and cables for the first 20-25mm to provide a key for the sealant to adhere to.
3. Taking the strips of adjoined hex tubes, insert them around and between the cables ensuring the spacing required is maintained. The strips can be inserted as a flat line or rolled to form a tight group of 5. If not enough room, the strips of hex tubes may be torn down to individual hex tubes. Start at the bottom of the duct with the large dark blue tubes and build up to completion. Should there be very heavy cables in the duct that require support, the hex tubes can be nested one small one inside the other larger one. The small light blue hex tubes are used to fill the remaining small gaps. All the hex tubes should be inserted so that there is a clear space in front of them of about 20-25mm where the MD+ sealant is to be placed. Ensure the tubes are packed as tightly as possible to prevent any cable movement..
4. In a vertical duct, group together strips or rolled groups of tubes and squeeze them into a duct as one unit. Then proceed to maintain the required spacing by adding either large or small tubes (groups of or singly).
5. Prepare the MD+ tube by cutting the cartridge and the nozzle. Insert the cartridge into your gun of choice.
6. Apply the MD+ onto the hex tubes ensuring you get into every gap and around every cable or pipe. Fill up the end of the duct until slightly proud of the duct end.
7. In order to finish the seal, use the provided finishing cloth by first immersing it in water. The cloth is made of a special material that will not stick to the MD+ sealant so long as the cloth remains damp. Pat the MD+ sealant into the duct ensuring you cover every part of the seal. This patting of the sealant encourages it to adhere to the hex tubes.
8. It is imperative that once you have installed the Filoseal+ HD the cables or pipes are not disturbed in any way until the seal is cured.
9. Curing takes 8-10 days. Backfilling a site should be avoided until at least 10 days after installation. When backfilling, ensure adequate packing is below the cables before adding material on top of the cables.

**Filoform UK Ltd have supplied thousands of seals to many different industries. We are confident that the seals will work every time as long as the instructions and tips are followed precisely.**



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