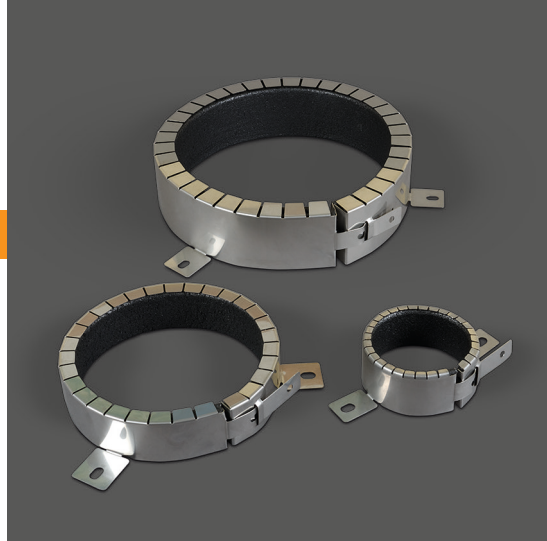


S&B Brandmanschett

PRODUCT DATA SHEET

Slimline collars for tight spaces



S&B Brandmanschett comprise of a range of devices designed to be fitted around plastic pipes or insulated metal and plastic pipes where they penetrate fire separating constructions. Under fire conditions the intumescent material within the collar expands to crush the softening pipe and/or combustible insulation, filling the resultant opening and maintaining the fire integrity and insulation performance of the floor or wall.

Key features and benefits

- Available to fit pipes sizes from 25mm to 160mm diameter
- Supplied in stainless steel with simple slide through/ fold back fixing tabs
- Slimline with just 30mm and 45mm collar heights
- Independently tested to EN 1366-3: 2009 providing up to four hours fire resistance (EI240)
- Tested in 100 mm thick flexible (partition) walls and suitable for use in both flexible and masonry walls of equal or greater thickness
- Can be used with use with a wide range of plastic pipes including PVCU, PVCC, PE, ABS, PP, PB, SAN+PVC and metal and plastic pipes with combustible nitrile rubber insulation

- Approved for use with ALL types of plastic pipe installations including free air flow to both ends of the pipe
- Durability tested and qualified for use at temperatures below 0°C
- Intumescent material unaffected by moisture
- Simple and quick to install, maintenance free
- Non-toxic, low smoke, mould resistant, halogen free and zero VOC
- Quality assured including ISO 9001, CE Marking and independent third party product certification

Typical applications

- Fire sealing of resultant openings where combustible plastic pipes pass through fire separating walls and floors
- Sealing around metal and plastic pipes with continuous combustible foamed nitrile rubber insulation where they pass through fire separating construction
- Reinstating the fire resistance of separating constructions when penetrated by insulated 'drinks pythons' (multiple small PE pipes bunched together and insulated with foamed nitrile rubber)

Testing and certification

- Extensive testing to EN 1366-3: 2009 providing up to 4 hours fire resistance around plastic pipes, metallic and plastic pipes with combustible insulation and drinks pythons
- Zero flame spread when tested to EN ISO 11923-2: 2010 giving Class E classification to EN 13501-1:2007 + A1
- Fire Classification to EN 13501-2 and CE Mark (ETA 14/0060)
- Mechanical and durability testing to ETAG 026-2
- Third party product certification with UL International (Certificate # UL-EU-00513-A1)

For detailed seal specifications please refer to technical data sheet.

Since the products are applied under circumstances beyond our control, Stål & Brandteknik AB can accept no direct or consequential liability whether in contract or in tort, for the interpretations of such recommendations and reserves the right to modify the recommendations as necessary.

