



*Protect your values.*



**NEW!**  
Cable bundles  
up to 180 mm  
Variety of special  
pipes up to  
110 mm

## **PYRO-SAFE® DG-SC**

The simple solution for sealing electrical installations  
and combustible/non-combustible pipes

# svt – your Full-Service Provider for Passive Structural Fire Protection

The svt group of companies has been one of the leading full-service providers in the area of passive structural fire protection for more than 50 years. We offer an extensive portfolio of state-of-the-art fire protection products and applications worldwide. This includes both simple penetration sealing solutions and complex mixed penetration seals as well as solutions for fire protection joints or protecting entire cable systems.

Our own research & development, production and furnaces at four locations as well as international branches and a partner network covering 50 countries make comprehensive support possible on the basis of certified fire prevention solutions, which can be tailored to your individual market requirements if required.

This makes us a powerful partner for your success!



## The svt Product Guide

Find the right fire protection solution quickly and directly online.

With the svt Product Guide, we provide you with a practical tool for simplifying the complex decision-making process relating to passive structural fire protection and guide you step by step to the right fire protection system for your individual requirements.

You can find the svt Product Guide at: [www.svt-global.com/productguide](http://www.svt-global.com/productguide)





## Passive Fire Protection & Penetration Seals

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Passive fire protection is used to prevent or limit a fire. Buildings are divided into individual fire compartments and separated from one another by fire-resistant components. Since supply and disposal lines usually pass through these fire compartments, the resulting openings must be closed with approved fire protection products. This is the only way to maintain the fire resistance of the entire component.

With PYRO-SAFE® DG-SC, svt provides a product with which electrical installations and pipes can be sealed off for up to 120 minutes. For this purpose, the opening around the penetrations is simply stuffed with loose mineral wool and sealed with fire protection filler. PYRO-SAFE® DG-SC can be processed directly from the cartridge. Additional measures are not required.

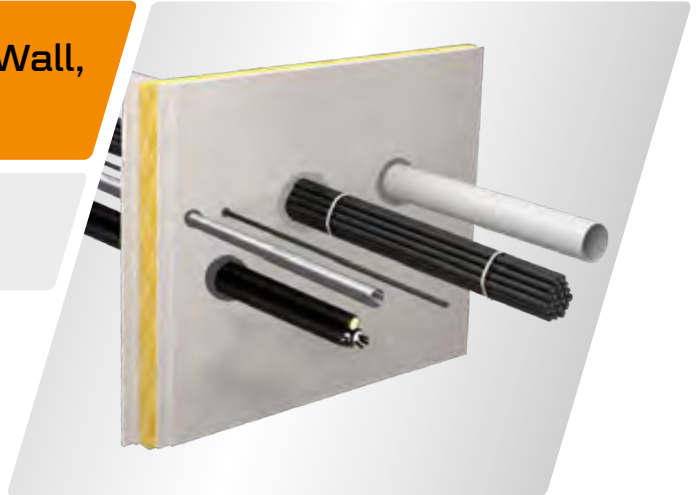


# PYRO-SAFE® DG-SC

The simple solution for sealing electrical installations and a variety of special pipes from various manufacturers.

## Installation in Light Partition Wall, Solid Wall and Floor

Fire Resistance Class:  
Up to max. EI 120 per EN-13501-2

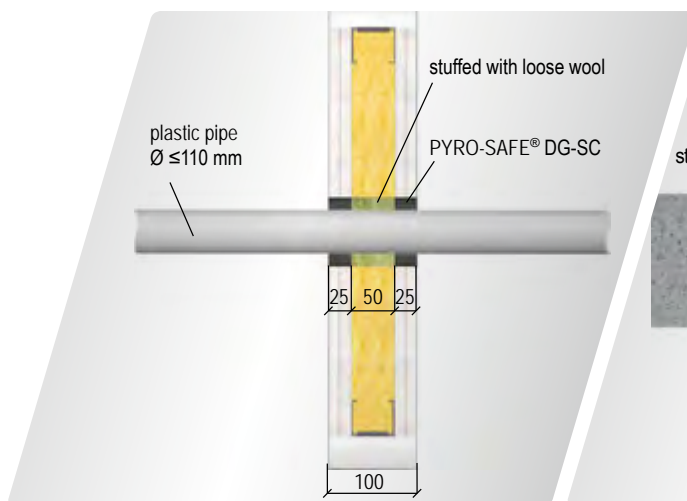


### System Data

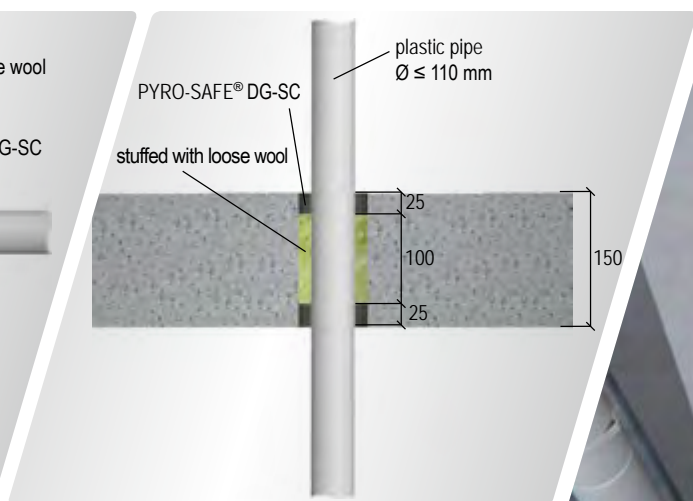
|                            |   |                    |
|----------------------------|---|--------------------|
| Areas of use               | Light partition wall, solid wall, floor |                    |
| Certificate of usability   | ETA-19/0704                             |                    |
|                            | Wall                                    | Floor              |
| Component thickness        | ≥ 100                                   | ≥ 150              |
| Penetration seal thickness | Sealing depth ≥ 25                      | Sealing depth ≥ 25 |

All measurements in mm

### Version









Light partition wall



Rigid floor



## Configuration

| Media lines   |   | Diameter (max.)    | Fire resistance class (max.) |            |
|---|---|--------------------|------------------------------|------------|
|   |   |                    | Wall                         | Floor      |
|    | Cable   | ≤ 21               | EI 120                       | EI 120     |
|    | Cable bundles   | ≤ 180 / ≤ 21       | EI 120                       | EI 120     |
|    | EIR Single  | ≤ 32 / ≤ 21        | EI 60                        | EI 120     |
|    | EIR Bundle  | ≤ 90 / ≤ 32 / ≤ 21 | EI 60                        | EI 120     |
|    | Combustible pipes:<br>PVC-U<br>PE-100<br>PP-H<br>Geberit Silent Pro<br>Geberit Silent PP<br>Geberit Silent db 20<br>Raupiano plus<br>Wavin SiTech+<br>POLO-KAL NG<br>POLO-KAL XS<br>POLO-KAL 3S<br>Skolan db<br>valsir TRIPLUS<br>PipeLife MASTER 3<br>FRIATEC FRIAPHON | ≤ 110              | EI 120 U/C                   | EI 120 U/C |
|  | Non-combustible pipes<br>without insulation   | ≤ 48.3             | EI 90 C/U                    | EI 120 C/U |

Measurements in mm



# Product Information

PYRO-SAFE® DG-SC is a filler based on expandable graphite, which, unlike classic intumescent layers, is resistant to moisture and external influences. When exposed to heat, the product forms a firm foam body with high expansion pressure, which reliably closes the cavities and has a heat-insulating effect.

The single-component material is ready for use immediately and can be introduced directly from the cartridge into the component opening using a commercially available injection gun.

## Technical Data

|                                     |  |
|-------------------------------------|--|
| Colour                              | Anthracite   |
| Density (+20 °C)                    | 1300 kg/m <sup>3</sup> +/- 10 %  |
| Viscosity (+20 °C)                  | Pasty  |
| Foam factor                         | 15 - 26.5 times  |
| Foaming pressure                    | 1.0 - 1.9 N/mm <sup>2</sup>  |
| Use category                        | Type X – product intended for use in outdoor weather conditions (rain, UV, frost)  |
| Resistance of the processed product | <ul style="list-style-type: none"><li>• resistant to contact with solvents and subsequently applied coatings</li><li>• resistant to constant wetness</li></ul> |



## Delivery and Packaging

|                |           |
|----------------|-----------|
| Packaging      | Cartridge |
| Container size | 310 ml    |
| Pcs./box       | 12 pcs.   |
| Pcs./pallet    | 600 pcs.  |
| Article number | 01157100  |





## Your Benefits

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### Wide Area of Application

- ✓ Sealing cable bundles with an outer diameter of up to 180 mm as well as individual and bundled electrical installation conduits
- ✓ A large number of tested special pipes from various manufacturers with an outer diameter of up to 110 mm

### Simple Sealing with a High Performance Range

- ✓ Only PYRO-SAFE® DG-SC and mineral wool are required for sealing
- ✓ No additional measures required
- ✓ Component reveals do not need to be covered

### High Quality Fire Protection Product – Made in Germany

- ✓ Solvent and halogen free
- ✓ Resistant to moisture and UV radiation
- ✓ Resistant to solvents and subsequently applied coatings



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