



**SCHAUENBURG**

Industrietechnik GmbH

\_\_\_\_\_ we add value


***SAFETY***

## ***Fire sleeve***

***MODEL F88 SC • F 88 BASALT ECO***



**vigot®**  
Schlauchtechnik

  
by VIGOT  
**MAXIMALL®**  
Schlauchsysteme

# ● **F88 · SC · Basalt eco**

## *FIRE SLEEVE*

### Materials

VIGOT® fire sleeves are made of a mineral backing material with a special impregnated coating. This heat protection mesh is harmless and fully meets the requirements of health and safety regulations. The special coating is self-extinguishing and does not contain halogenated flameproof substances.

The coatings are resistant to oil and solvents. They have top mechanical resistance as well as good wear resistance.

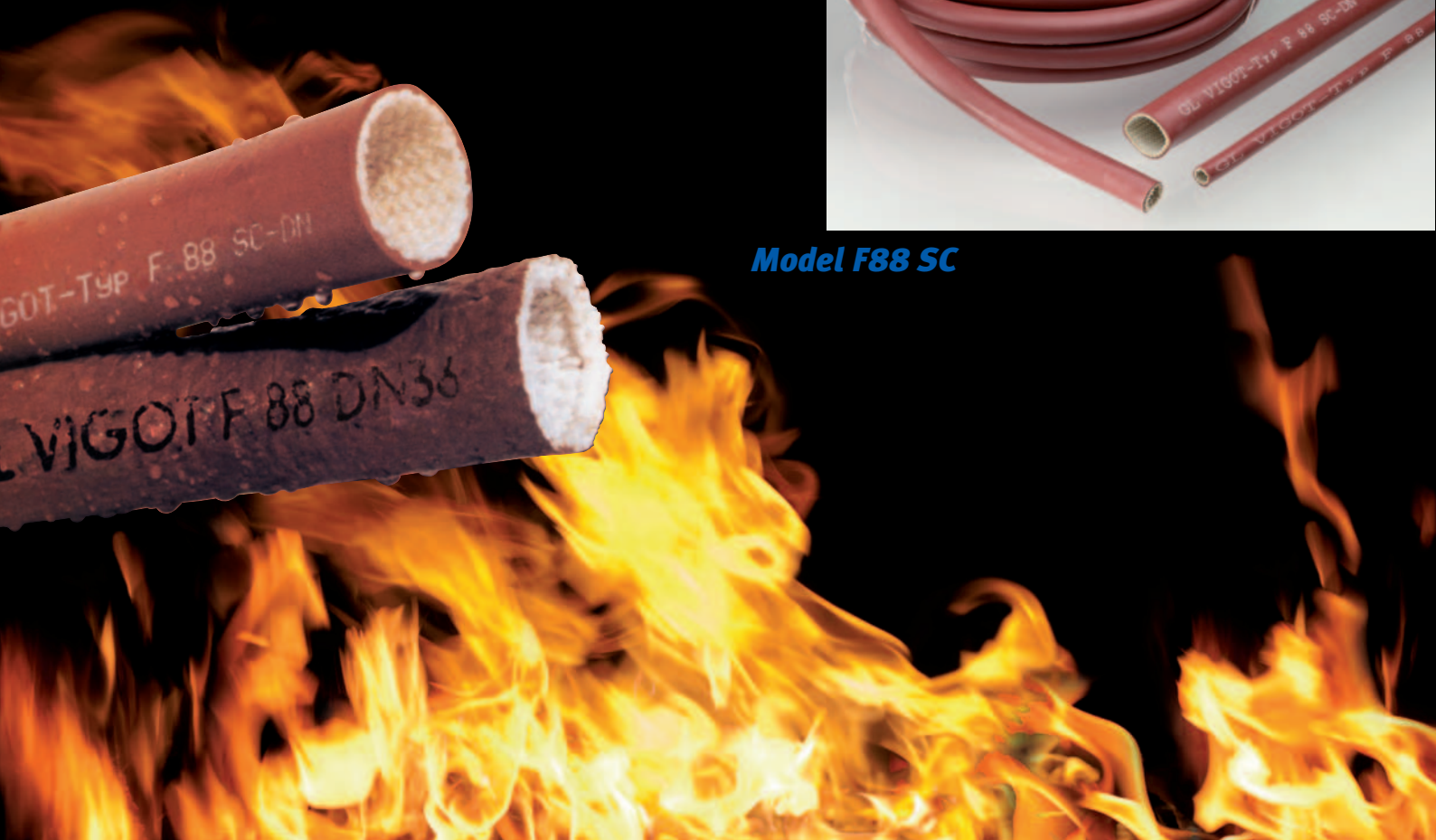
Thanks to the extraordinary thickness of the mesh, backing material and coating, the sleeves can reach extremely high levels of short-term resistance to high temperatures, puncturing and heat transfer.



**Model F88 Basalt eco**



**Model F88 SC**



# ● **Variety**

## *FINISH - MODEL F88 SC*

### Variety

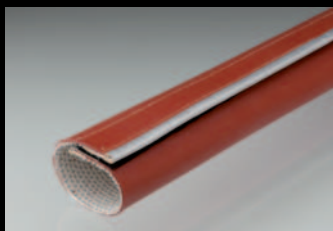
Alongside VIGOT® F88 SC and F88 fire sleeves that can be applied or slipped on when fitting hoses or wire harnesses, there are also products for retrofitting. The base material is the same as the F88 SC with various fastening options.

For all three versions, the fastener is lined with special coated Kevlar® strips, providing additional protection of the edges along the entire length of the cut surface. In DK and DV metal fasteners, thermal bridging is also prevented.

For practical purposes, it is essential to know whether the application is either static or dynamic.



**Model F88 SC • Flex**



**Model F88 SC • KV**  
VELCRO FASTENER



**Model F88 SC • DV**  
HOOK-AND-LOOP FASTENER



**Model F88 SC • DK**  
SNAP FASTENERS



# ● **Special model**

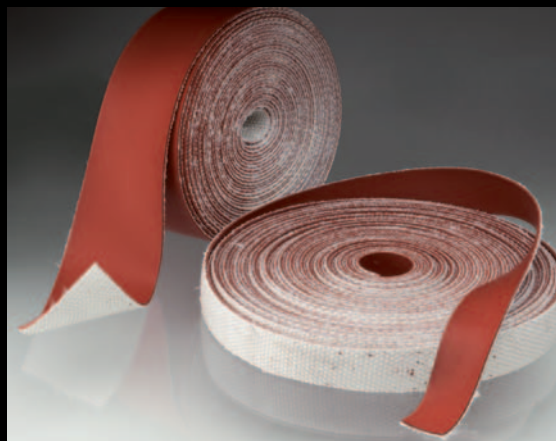
## *STRIPS AND PADS - F88 SC*

### Strips and pads

Strips and pads cut to measure with a width of up to 950 mm and a length of up to 50 m are available. These formats are perfect for special applications such as welding curtains or cable ducts.

By fastening the ready-made pads, you can coat almost any desired diameter. Moreover, securing straps with Velcro, snap or hook-and-loop fasteners can ensure correct fitting to any application, e.g., cable ducts or very large pipe diameters.

Fire sleeves can be connected to the fittings on hoses or cables by wrapping thin self-welding silicone tape several times around the sleeves. Make sure that the edges overlap enough.



**Model F88 SC - Strips**  
*UP TO 50 METERS LONG*



**Model F88 SC - Pads**  
*UP TO 950 MM WIDE*



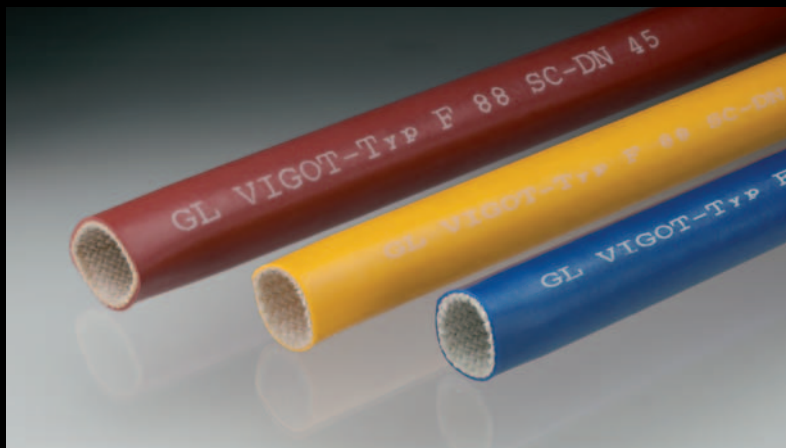
**Model F88 SC - Tape**  
*SELF-WELDING*

# ● **Safety first**

## DETAILS

### Colour coding

F88 SC coatings come in many colours. They are used to facilitate the identification of the flow medium. At SCHAUBURG we use blue and yellow for water and gas, respectively.



### **Model F88 SC • Colours**

*YELLOW FOR GAS • BLUE FOR WATER • RED BASE SLEEVE*

### Tests and certifications

The materials and products have been submitted to the following tests and received the following certifications:

Type test by the DNV classification society as per DIN EN ISO 15540 and CEN TS 45545 on the functional integrity of the product to be protected at 800°C for over 30 min. (flame test). Continual temperature of +200°C in drying furnace with subsequent functional integrity for the product to be protected.

Test with cables:  
DIN EN 60332-1-2

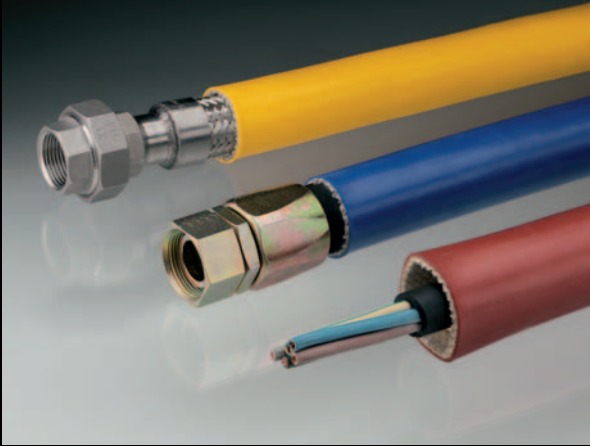
IP54 protection class in combination with original SB-IT screw fittings

EN 45545-2 R22/R23-HL3  
Type Approval DNV



# ● **Function**

## DETAILS



### Function

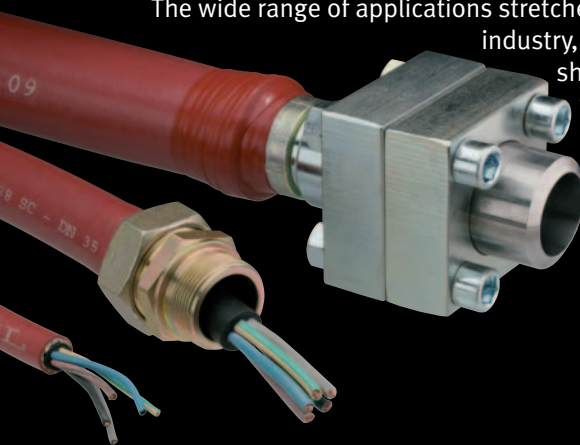
VIGOT® fire sleeves are the result of more than 30 years experience in the manufacturing of fireproof insulating materials.

They protect the functional stability of hoses or cables carrying fluids or energy in case of fire.

At high ambient temperatures of over 150°C they extend the service life of rubber and plastic hoses or cables by several times and protect them against early deterioration and failure.

The wide range of applications stretches from scientific research to applied technology, from the chemical industry, power supply sector, through heavy industry, to the car industry and shipbuilding. VIGOT® fire sleeves are also used on railway vehicles as well as in the aerospace industry.

They are used for workplace safety to prevent injuries caused by pipes and hoses delivering hot fluids.





# ● ***On land • On water • By air***

## *APPLICATIONS AND REFERENCES*



*IN MANUFACTURING • IN FOUNDRIES AND STEEL MILLS • IN VEHICLE MANUFACTURING*



*CONNECTIONS FROM LAND TO SEA • ON HIGH SEAS • IN MARINE ENGINEERING*



*IN MILITARY AVIATION • IN SPACE • IN SATELLITE TECHNOLOGY*



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