



Ein Unternehmen der Schauenburg Gruppe



SAFETY

Fire sleeve

MODEL F 88 • F 88 SC



● **F 88 • F 88 SC**

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 F 88
POLYCHLOROPRENE



Model F 88 SC
SILICONE



● **Colour coding · Variety**

FINISH - MODEL F 88 SC

Colour coding

F 88 SC coatings come in many colours. They are used to facilitate the identification of the flow medium. At Vigot we use blue and yellow for water and gas, respectively.



Model F 88 SC · Colours

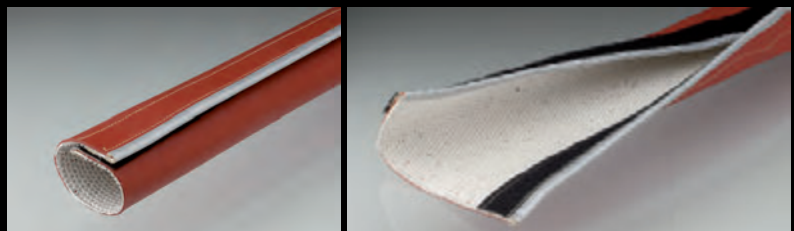
YELLOW FOR GAS · BLUE FOR WATER · RED BASE SLEEVE

Variety

Alongside Vigot F 88 SC and F 88 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 F 88 SC · KV

VELCRO FASTENER



Model F 88 SC · DV

HOOK-AND-LOOP FASTENER



Model F 88 SC · DK

SNAP FASTENERS



● **Special model**

STRIPS AND PADS - F 88 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 F 88 SC · Strips
UP TO 50 METERS LONG



Model F 88 SC · Pads
UP TO 950 MM WIDE



Model F 88 SC · Tape
SELF-WELDING

● **Safety • Certified**

DETAILS

Fire sleeve - model F 88

Nominal width DN12-DN200

Temperature range	-40°C to +260°C
Maximum temperature (short-term)	+800°C
Weight	2.8 kg/m ²
Backing material	ISO 2078 mineral fibre
Thickness	2.5 - 3.0 mm
Coating	VIGOT special PYC (silicone-free)
REACH	complies
Available lengths	25 m, standard Up to 50 meters on request



Fire sleeve - model F 88 SC

Nennweite DN6-DN200

over DN100 only with DK, DV or KV

Temperature range	
· Continuous temperature	-60 to +300 °C
· Short-term with fire exposure	1200 °C
· Short-term partial overheating	1600 °C
Weight	4.9 kg/m ²
Backing material	ISO 2078 mineral fibre
Thickness	3.5 - 4.0 mm
Coating	silicone - ISO 1629 MVQ/VMQ
REACH	complies
Available lengths	25 m, standard DN65 and over, 5 m Over DN100 with DK, DV or KV



Tests and certifications

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

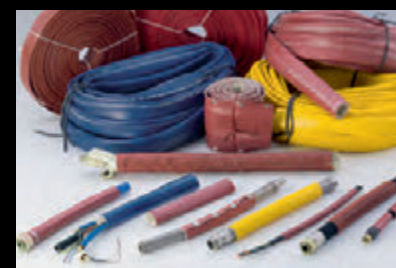
Type test by the Germanischer Lloyd classification society as per DIN EN ISO 15540 and CEN TS 45545 on the functional integrity of the product to be protected at 800°C for over 30 min. (flame test). Continual temperature of +200°C in drying furnace with subsequent functional integrity for the product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

Railway vehicles · DIN 5510-2 and CEN TS 45545

Tests with cables · DIN EN 60332-1-2 and DIN 5510-2 Tab. 6

Test results for test as per DIN5510-2 and CEN TS 45545

- Flammability class: S-3/S-4
- Smoke emission class: SR-2
- Drop-forming class: ST-2
- Fume toxicity: FED <1:15 Min. + 30 Min.



WWW.VIGOT.DE
DOWNLOAD • TEST REPORTS

● ***On land • On water • By air***

APPLICATIONS AND REFERENCES

Function

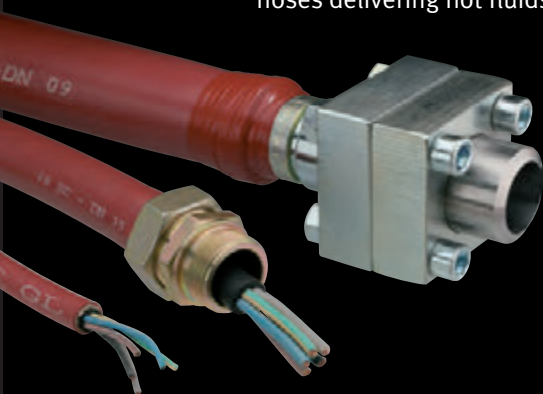
Vigot fire sleeves are the result of more than 30 years experience in the manufacturing of fireproof insulating materials.

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 ship-building. 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

IN RAILWAY TRANSPORTATION



On water

IN NAVIGATION



By air

AIR TRANSPORTATION



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

● ***Safety first***

SERVICE AND QUALITY

Company

VIGOT makes a major contribution to technical optimization in applications involving hoses. By focusing on solutions for complex technical challenges, our core competence in the field of hosing and cables is constantly growing. VIGOT is a manufacturer, fitter, developer, service provider and sales partner.

Our know-how is built on the foundation of many years of experience and personal consultancy to our customers in solving their problems.

In performing these tasks, we can rely on the engineering resources of the Mühlheim-based Schauenburg Group, which is active all over the world.

The resulting breakthroughs have led to products offering market-driven, environment-friendly and technologically consolidated quality and safety solutions.



Developments *OF THE VIGOT COMPANY*



Schauenburg Gruppe

VIGOT has been in the industry for 125 years and it is a hallmark of quality, safety and reliability.

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