



Fire sleeve - F 88 SC

The extruded fire sleeve with silicone coating, high resistance and material density. Available in the standard colour red, but also in other colour coding.

Certifications

DIN 5510-2:1999 + ISO 5659 Toxi
DIN EN 45545-2-08-R22/R23-HL3
ISO 15540
Type Approval GL (Germanischer Lloyd)

Technical data

Backing material	ISO 2078 mineral fibre
Coating	Silicone - ISO 1629 MVQ/VMQ
Temperature Range	Continuous temperature: -60 to +300 °C Short-term with fire exposure up to 1200 °C Short-term partial overheating up to 1600 °C
Technical values	Wall thickness: 3,5 - 4,0 mm Weight: 4,9 kg/m ²
Available sizes	Available lengths 25 m, standard DN65 and over, 5 m

Key characteristics

- excellent mechanical protection
- halogen-free flame protection
- free of softeners
- free of heavy metals
- REACH-compliant
- Puncture strength DIN EN 60684
>10kV

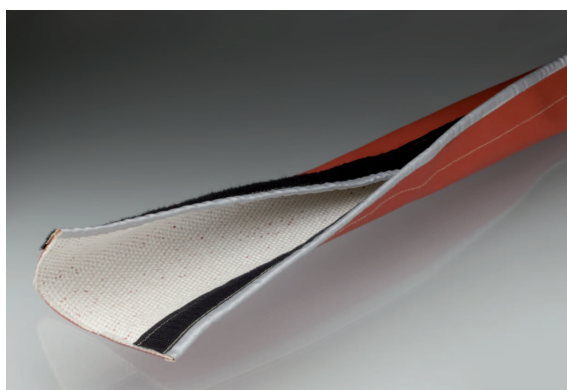
*Test on cables and insulated lines under fire conditions with isolating circuit

Product details

DN	product number	approx. weight g/m
12	4488 8 012	190
15	4488 8 015	220
20	4488 8 020	300
25	4488 8 025	360
30	4488 8 030	420
35	4488 8 035	480
40	4488 8 040	550
45	4488 8 045	600
50	4488 8 050	640

DN	product number	approx. weight g/m
55	4488 8 055	750
60	4488 8 060	820
65	4488 8 065	1330
70	4488 8 070	1425
75	4488 8 075	1540
80	4488 8 080	1630
85	4488 8 085	1695
90	4488 8 090	1750
100	4488 8 100	2070





Fire sleeve - F 88 SC · Model KV

Silicone-coated fire sleeve with Velcro fastener for subsequent assembly.

Certifications

DIN 5510-2:1999 + ISO 5659 Toxi
CEN TS 45545-2
ISO 15540

Technical data

Source material

Fire sleeve F 88 SC

Fastening

Velcro fastener flame retardant,
DIN 75200 / ISO 3795

Technical values

Velcro fastener width to DN₉₀ = 30 mm;
from DN₁₀₀ = 38 mm
Kevlar® strips type KV290 as edge protection

Available sizes

Available lengths on demand, maximum 25 m
not a stock item; delivery time after consultation

Key characteristics

- excellent mechanical protection
- halogen-free flame protection
- free of softeners
- free of heavy metals
- REACH-compliant
- Puncture strength DIN EN 60684 >10kv

Product details

DN	product number	approx. weight g/m
30	4499 8 030	520
40	4499 8 040	615
50	4499 8 050	715
60	4499 8 060	810
70	4499 8 070	930
80	4499 8 080	1040
90	4499 8 090	1135
100	4499 8 100	1230
110	4499 8 110	1330
120	4499 8 120	1440

DN	product number	approx. weight g/m
130	4499 8 130	1550
140	4499 8 140	1630
150	4499 8 150	1750
160	4499 8 160	1850
170	4499 8 170	1945
180	4499 8 180	2045
190	4499 8 190	2160
200	4499 8 200	2270
220	4499 8 220	2460
250	4499 8 250	2755





Fire sleeve - F 88 SC · Model KK

Silicone-coated fire sleeve with spherical head fastener for subsequent assembly.

Technical data

Source material

Fire sleeve F 88 SC

Fastening

Spherical head made of brass, nickel-plated
dimensions 20 mm diameter, height 10 mm
Distance between spherical heads: 100 mm

Technical values

Kevlar® strips type KV290 to prevent thermal bridges on metal fasteners

Available sizes

Available lengths on demand, maximal 25 m
not a stock item;
Delivery time after consultation

Key characteristics

- excellent mechanical protection
- halogen-free flame protection
- free of softeners
- free of heavy metals
- REACH-compliant
- Puncture strength DIN EN 60684 >10kv

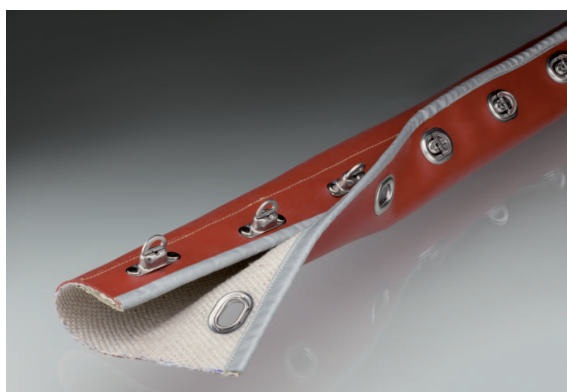
Product details

DN	product number	approx. weight g/m
30	4499 8 630	520
40	4499 8 605	675
50	4499 8 607	775
60	4499 8 609	870
70	4499 8 611	990
80	4499 8 613	1100
90	4499 8 615	1195
100	4499 8 617	1290
110	4499 8 619	1390
120	4499 8 621	1500

DN	product number	approx. weight g/m
130	4499 8 623	1610
140	4499 8 625	1690
150	4499 8 627	1810
160	4499 8 629	1910
170	4499 8 631	2005
180	4499 8 633	1205
190	4499 8 635	2220
200	4499 8 637	2330
220	4499 8 639	2520
250	4499 8 641	2815

Status as of 12/2022 · Technical changes in the course of development reserved.





Fire sleeve - F 88 SC · Model DV

Silicone-coated fire sleeve with hook-and-loop fastener for subsequent assembly.

Technical data

Source material
Fastening

Fire sleeve F 88 SC
Hook-and-loop fastener made of stainless steel or brass, nickel-plated
Dimensions 22 x 13 mm, height 16 mm
Distance between hook-and-loop fasteners: 100 mm

Key characteristics

- excellent mechanical protection
- halogen-free flame protection
- free of softeners
- free of heavy metals
- REACH-compliant
- Puncture strength DIN EN 60684 >10kv

Technical values

Kevlar® strips type KV290 to prevent thermal bridges on metal fasteners as well as edge protection

Available sizes

Available lengths on demand, maximum 25 m
not a stock item; delivery time after consultation

Product details

DN	product number	approx. weight g/m	DN	product number	approx. weight g/m
30	4499 7 030	640	130	4499 7 130	1670
40	4499 7 040	740	140	4499 7 140	1750
50	4499 7 050	840	150	4499 7 150	1870
60	4499 7 060	940	160	4499 7 160	1970
70	4499 7 070	1045	170	4499 7 170	2070
80	4499 7 080	1160	180	4499 7 180	2065
90	4499 7 090	1255	190	4499 7 190	2270
100	4499 7 100	1350	200	4499 7 200	2370
110	4499 7 110	1450	220	4499 7 220	2590
120	4499 7 120	1560	250	4499 7 250	2880

Status as of 12/2022 · Technical changes in the course of development reserved.





Fire sleeve - F 88 SC · Model DK

Silicone-coated fire sleeve with snap fastener for subsequent assembly.

Technical data

Source material

Fire sleeve F 88 SC

Fastening

Snap fastener made of brass, nickel-plated
dimensions 15 mm diameter, height 3 mm
distance between hook-and-loop fasteners: 80 mm

Technical values

Kevlar® strips type KV290 to prevent thermal
bridges on metal fasteners
as well as edge protection

Available sizes

Available lengths on demand, maximum 25 m
not a stock item; delivery time after consultation

Key characteristics

- excellent mechanical protection
- halogen-free flame protection
- free of softeners
- free of heavy metals
- REACH-compliant
- Puncture strength DIN EN 60684 >10kv

Product details

DN	product number	approx. weight g/m
30	4499 9 030	580
40	4499 9 040	675
50	4499 9 050	775
60	4499 9 060	870
70	4499 9 070	990
80	4499 9 080	1100
90	4499 9 090	1195
100	4499 9 100	1290
110	4499 9 110	1390
120	4499 9 120	1500

DN	product number	approx. weight g/m
130	4499 9 130	1610
140	4499 9 140	1690
150	4499 9 150	1810
160	4499 9 160	1910
170	4499 9 170	2005
180	4499 9 180	2105
190	4499 9 190	2220
200	4499 9 200	2330
220	4499 9 220	2520
250	4499 9 250	2815

Status as of 12/2022 · Technical changes in the course of development reserved.





Fire sleeve - F 88 SC Flex

The extruded and flexible fire sleeve with silicone coating for easy installation.

Certifications DIN 5510-2:2009 + ISO5659 Toxi

Technische Daten

Backing material	ISO 2078 mineral fibre
Coating	Silicone - ISO 1629 MVQ/VMQ
Temperature Range	Continuous temperature: -60 to +300 °C Short-term with fire exposure up to 1200 °C Short-term partial overheating up to 1600 °C
Technical values	Wall thickness: 3,0 - 3,5 mm, Weight: 4,5 kg/m ²
Available sizes	Available lengths 25 m; 50 m on request

Key characteristics

- excellent mechanical protection
- halogen-free flame protection
- free of softeners
- free of heavy metals
- REACH-compliant
- Puncture strength DIN EN 60684 >10kv

Product details

DN	product number	approx. weight g/m
5-7	44688005	140
8-10	44688008	150
11-13	44688011	190
14-16	44688014	220
17-19	44688017	270
20-22	44688020	360

DN	product number	approx. weight g/m
23-25	44688023	370
26-30	44688026	440
30-32	44688030	480
35-37	44688035	530
40-42	44688040	590
45-47	44688045	660





Fire sleeve - F 88 VIGOSIL

The cost-effective, round-dipped fire sleeve with silicone coating.

Certifications DIN EN 45545-2-R22/R23-HL3
ISO 15540

Technical data

Backing material ISO 2078 mineral fibre, Woven fabric up to DN40,
knitted fabric up to DN110

Coating Silicone - ISO 1629/LSR

Temperature Range Continuous temperature: -60 to +300 °C
Short-term with fire exposure up to 1200 °C
Short-term partial overheating up to 1600 °C

Technical values Wall thickness: 3,0 - 4,0 mm
Weight: 4,5 kg/m²

Available sizes Available lengths 40 m up to DN40,
25 m up to DN110

Key characteristics

- excellent mechanical protection
- halogen-free flame protection
- free of softeners
- free of heavy metals
- REACH-compliant
- Puncture strength DIN EN 60684 >10kv

Product details

DN	product number	approx. weight g/m
6	4448 8 006	204
8	4448 8 008	228
10	4448 8 010	249
13	4448 8 013	262
15	4448 8 015	281
20	4448 8 020	304
22	4448 8 022	321
25	4448 8 025	342
30	4448 8 030	394
32	4448 8 032	416
35	4448 8 035	436
38	4448 8 038	450

DN	product number	approx. weight g/m
40	4448 8 040	461
44	4448 8 044	492
50	4448 8 050	438
57	4448 8 057	581
60	4448 8 060	610
65	4448 8 065	740
70	4448 8 070	800
75	4448 8 075	895
80	4448 8 080	1215
90	4448 8 090	1367
100	4448 8 100	1418
110	4448 8 110	1588

Status as of 12/2022 · Technical changes in the course of development reserved.





Strips and Pads F 88 SC

Strips and pads cut to measure with a width of up to 950 mm and a length of up to 50 m are available. Fire sleeves can be connected to the fittings on hoses or cables by wrapping thin self-welding silicone tape several times around the sleeves. Besides being wrapped around several times, care should be taken that the ends overlap adequately and well.

Technical data · Strips

Backing material	ISO 2078 mineral fibre
Coating	Silicone - ISO 1629 MVQ/VMQ
Temperature range	Continuous temperature: -60 bis +300 °C Short-term with fire exposure up to 1200 °C Short-term partial overheating up to 1600 °C
Technical values	Wall thickness: 3,5 - 4,0 mm Weight: 4,9 kg/m ² REACH konform

Product details

Strips and Pads		
width	product number	approx. weight g/m
20	4499 0 020	140
30	4499 0 030	165
40	4499 0 040	198
50	4499 0 050	245
60	4499 0 060	314
70	4499 0 070	372
80	4499 0 080	438
90	4499 0 090	502
100	4499 0 100	585

Connections · self-welding		
width	product number	weight in g per 15 m roll
25	4490 0 025	255

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Screw fittings for fire sleeve F 88 SC and F 88 SC Flex

Hose systems are an important installation and organisation criteria for bundling individual cables. The use of fire sleeves makes this system flame-resistant according to existing standards and guarantees a high retention of function in the event of a fire. The fittings are absolutely watertight in the force-fit connection to the hose. We assemble the required hose line after provision of the cables, which we are also happy to do in our own workshop if you so require.

Technical data

Connections metric thread according to
EN 60423 or PG DIN 40430

Product details · F 88 SC

DN	thread EN 60423	product number fitting	smallest internal diameter mm	SW 1 · SW 2 mm	for F 88 SC product number
10	M 16 x 1,5	44405 3 410	11,5	23/25	4488 8 010
15	M 20 x 1,5	44405 3 415	16,0	27/29	4488 8 015
20	M 25 x 1,5	44405 3 420	21,0	34/36	4488 8 020
30	M 32 x 1,5	44405 3 425	27,5	43/45	4488 8 030
40	M 40 x 1,5	44405 3 440	35,0	52/54	4488 8 040
50	M 50 x 1,5	44405 3 450	45,0	63/66	4488 8 050

Product details · F 88 SC Flex

DN	thread EN 60423	product number fitting	smallest internal diameter mm	SW 1 · SW 2 mm	for F 88 SC product number
10	M 16 x 1,5	44405 3 410	11,5	23/25	4488 8 010
15	M 20 x 1,5	44405 3 415	16,0	27/29	4488 8 015
20	M 25 x 1,5	44405 3 420	21,0	34/36	4488 8 020
30	M 32 x 1,5	44405 3 425	27,5	43/45	4488 8 030
40	M 40 x 1,5	44405 3 440	35,0	52/54	4488 8 040
50	M 50 x 1,5	44405 3 450	45,0	63/66	4488 8 050

Tolerances of the coating thickness may cause increased assembly expenditure.

