



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; R22/R23 HL3
 ISO 15540:1999
 (800 °C / 30 min open flame)
 Type Approval GL (Germanischer Lloyd)
 IEC 60331-21:1999-04*

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



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
 DIN EN 45545-2 R22/R23 HL3
 ISO 15540:1999
 (800 °C / 30 min open flame)
 Type Approval GL (Germanischer Lloyd)

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, 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 8 030	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



Fire sleeve - F 88 SC · Model DV

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

Technical data

Source material

fire sleeve F 88 SC

Fastening

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, maximal 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



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

Key characteristics

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

Available sizes

available lengths on demand, maximal 25 m
not a stock item; delivery time after consultation

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