

Product Description

Reliable bending and anti-kink protection; Cable conservation; Functional reliability; To protect flexible cables



Application range

- Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0730.
- Handheld device
- Robotics industry
- Light and sound applications
- Moving machine parts

Benefits

- Reliable bending and anti-kink protection
- Cable conservation
- Functional reliability
- To protect flexible cables

Design

- Metric connection thread acc. to EN 50262



Approvals

- UL File Nr. E79903

Note

- Refer to SKINTOP® metric accessories for suitable accessories
- Counter nut to be used: SKINTOP® GMP-GL-M
- Version with reducing insert to seal smaller cable cross-sections SKINTOP® BSR-M on request
- SKINTOP® BS M ISO versions with extra-long connection thread, see table, no DNV approval

Technical Data

Caution

Refer to Appendix T21 for the installation dimensions and torques

Upon request

with reducing sealing ring

Colour delivered

Silver grey (RAL 7001) Light grey (RAL 7035) Black (RAL 9005), UV-resistant

Material

Body: Polyamide Seal: CR

Protection rating

IP 68 - 5 bar

IP 69 K pending

Temperature range

-20°C to +100°C

Article List

| Part number | Article designation / size | Clamping range ØF (mm) | SW (mm) | Overall length/ C (mm) | Thread length/ D (mm) | Pieces / PU |
|---------------------------|----------------------------|------------------------|---------|------------------------|-----------------------|-------------|
| SKINTOP® BS-M silver grey | | | | | | |
| 53111600 | BS-M 12x1,5 | 3,5-7 | 15 | 64.0 | 8.0 | 100 |
| 53111610 | BS-M 16x1,5 | 4,5-10 | 19 | 86.0 | 8.0 | 100 |
| 53111620 | BS-M 20x1,5 | 7-13 | 25 | 101.0 | 8.0 | 50 |
| 53111630 | BS-M 25x1,5 | 9-17 | 30 | 125.0 | 9.0 | 25 |
| 53111640 | BS-M 32x1,5 | 11-21 | 36 | 149.0 | 10.0 | 25 |
| SKINTOP® BS-M black | | | | | | |
| 53111700 | BS-M 12x1,5 | 3,5-7 | 15 | 64.0 | 8.0 | 100 |
| 53111710 | BS-M 16x1,5 | 4,5-10 | 19 | 86.0 | 8.0 | 100 |
| 53111720 | BS-M 20x1,5 | 7-13 | 25 | 101.0 | 8.0 | 50 |



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|--|--------------------------|--------|----|-------|------|-----|
| 53111730 | BS-M 25x1,5 | 9-17 | 30 | 125.0 | 9.0 | 25 |
| 53111740 | BS-M 32x1,5 | 11-21 | 36 | 149.0 | 10.0 | 25 |
| SKINTOP® BS-M light grey | | | | | | |
| 53111800 | BS-M 12x1,5 | 3,5-7 | 15 | 64.0 | 8.0 | 100 |
| 53111810 | BS-M 16x1,5 | 4,5-10 | 19 | 86.0 | 8.0 | 100 |
| 53111820 | BS-M 20x1,5 | 7-13 | 25 | 101.0 | 8.0 | 50 |
| 53111830 | BS-M 25x1,5 | 9-17 | 30 | 125.0 | 9.0 | 25 |
| 53111840 | BS-M 32x1,5 | 11-21 | 36 | 149.0 | 10.0 | 25 |
| SKINTOP® BS M ISO silver-grey (with long metric connecting thread) | | | | | | |
| 53017610 | BS M16 x 1,5 PG 9 | 3,5-8 | 19 | 77,5 | 12.0 | 100 |
| 53017630 | BS M 20 x 1,5 PG 13,5 | 5-12 | 24 | 102.0 | 13.0 | 50 |
| 53017640 | BS M 25 x 1,5 PG 16 | 9-14 | 27 | 114,5 | 13.0 | 50 |
| SKINTOP® BS M ISO black (with long metric connecting thread) | | | | | | |
| 53017810 | BS M 16 x 1,5 PG 9 | 3,5-8 | 19 | 77,5 | 12.0 | 100 |
| 53017830 | BS M 20 x 1,5 PG 13,5 | 5-12 | 24 | 102.0 | 13.0 | 50 |
| 53017840 | BS M 25 x 1,5 PG 16 | 9-14 | 27 | 114,5 | 13.0 | 50 |

Footnote:

Photographs are not to scale and do not represent detailed images of the respective products.