

## SKINTOP® BS-M

SKINTOP® BS-M, plastic cable gland with bending and anti-kink protection, to protect flexible cables, for moving machine parts



Variety of approval certifications



Optimum strain relief



Maximum vibration protection



Wide clamping range

### Benefits

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 0700-1

Handheld device  
Robotics industry  
Light and sound applications  
Moving machine parts

### Norm references / Approvals

UL File Nr. E79903

## SKINTOP® BS-M

### Product Make-up

Metric connection thread acc. to DIN EN 60423

Basis for technical information DIN IEC 62444

### 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

|                    |                                                                                   |
|--------------------|-----------------------------------------------------------------------------------|
| Classification:    | ETIM 5.0 Class-ID: EC000441<br>ETIM 5.0 Class-Description: Cable screw gland      |
| Caution:           | Refer to Appendix T21 for the installation dimensions and torques                 |
| On request:        | with reducing sealing ring                                                        |
| Colour delivered:  | Silver grey (RAL 7001)<br>Light grey (RAL 7035)<br>Black (RAL 9005), UV-resistant |
| Material:          | Body: Polyamide<br>Seal: CR                                                       |
| Protection rating: | IP 68 - 5 bar                                                                     |
| Temperature range: | -20°C to +100°C                                                                   |

### Note

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

**SKINTOP® BS-M**

| Article number                                                     | Article designation / size | Clamping range ØF (mm) | SW mm | Total length C (mm) | Thread length, D (mm) |
|--------------------------------------------------------------------|----------------------------|------------------------|-------|---------------------|-----------------------|
| SKINTOP® BS-M silver grey                                          |                            |                        |       |                     |                       |
| 53111600                                                           | M 12 x 1,5                 | 3.5 - 7                | 15    | 64                  | 8                     |
| 53111610                                                           | M 16 x 1,5                 | 4.5 - 10               | 19    | 86                  | 8                     |
| 53111620                                                           | M 20 x 1,5                 | 7 - 13                 | 25    | 101                 | 8                     |
| 53111630                                                           | M 25 x 1,5                 | 9 - 17                 | 30    | 125                 | 9                     |
| 53111640                                                           | M 32 x 1,5                 | 11 - 21                | 36    | 149                 | 10                    |
| SKINTOP® BS-M black                                                |                            |                        |       |                     |                       |
| 53111700                                                           | M 12 x 1,5                 | 3.5 - 7                | 15    | 64                  | 8                     |
| 53111710                                                           | M 16 x 1,5                 | 4.5 - 10               | 19    | 86                  | 8                     |
| 53111720                                                           | M 20 x 1,5                 | 7 - 13                 | 25    | 101                 | 8                     |
| 53111730                                                           | M 25 x 1,5                 | 9 - 17                 | 30    | 125                 | 9                     |
| 53111740                                                           | M 32 x 1,5                 | 11 - 21                | 36    | 149                 | 10                    |
| SKINTOP® BS-M light grey                                           |                            |                        |       |                     |                       |
| 53111800                                                           | M 12 x 1,5                 | 3.5 - 7                | 15    | 64                  | 8                     |
| 53111810                                                           | M 16 x 1,5                 | 4.5 - 10               | 19    | 86                  | 8                     |
| 53111820                                                           | M 20 x 1,5                 | 7 - 13                 | 25    | 101                 | 8                     |
| 53111830                                                           | M 25 x 1,5                 | 9 - 17                 | 30    | 125                 | 9                     |
| 53111840                                                           | M 32 x 1,5                 | 11 - 21                | 36    | 149                 | 10                    |
| SKINTOP® BS M ISO silver-grey (with long metric connecting thread) |                            |                        |       |                     |                       |
| 53017610                                                           | M 16 x 1,5 ISO             | 3.5 - 8                | 19    | 77.5                | 12                    |
| 53017630                                                           | M 20 x 1,5 ISO             | 5 - 12                 | 24    | 102                 | 13                    |
| 53017640                                                           | M 25 x 1,5 ISO             | 9 - 14                 | 27    | 114.5               | 13                    |
| SKINTOP® BS M ISO black (with long metric connecting thread)       |                            |                        |       |                     |                       |
| 53017810                                                           | M 16 x 1,5 ISO             | 3.5 - 8                | 19    | 77.5                | 12                    |
| 53017830                                                           | M 20 x 1,5 ISO             | 5 - 12                 | 24    | 102                 | 13                    |
| 53017840                                                           | M 25 x 1,5 ISO             | 9 - 14                 | 27    | 114.5               | 13                    |

Last Update (13.07.2017)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

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