

## SKINTOP® ST-HF-M

Halogen-free plastic cable gland

SKINTOP® ST-HF-M, halogen-free, metric plastic cable gland, extremely flame-retardant and self-extinguishing, maximum reliability

### Info

Cable gland for railway applications

Hazard Level: HL 3



Rail



Good chemical resistance



Flame-retardant



Wide clamping range



Halogen-free



Variety of approval certifications

### Benefits

Maximum reliability

Extremely flame-retardant according to UL 94 V0

Completely halogen-free (including sealing material)

Self-extinguishing, no dripping

Permanent vibration protection

Last Update (07.06.2023)

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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.

PN 0456 / 02\_03.16

## SKINTOP® ST-HF-M

### Application range

Underground railways and trains  
When the protection of people and property is a priority  
Public buildings  
Ventilation systems  
Tunnel construction

### Norm references / Approvals

DIN EN 45545-2 (HL3)  
Filament testing according to EN 60695-2-1/1 +960 °C

### Product Make-up

Metric connection thread acc. to DIN EN 60423  
Basis for technical information DIN IEC 62444

### Technical Data

|                        |                                                                                 |
|------------------------|---------------------------------------------------------------------------------|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC000441<br>ETIM 5.0 Class-Description: Cable screw gland    |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC000441<br>ETIM 6.0 Class-Description: Cable screw gland    |
| Caution:               | Refer to Appendix T21 for the installation dimensions and torques               |
| Colour delivered:      | RAL 7035 light grey<br>Black (RAL 9005), UV-resistant                           |
| Material:              | Body: polyamide<br>Sealing ring: special elastomer<br>O-ring: special elastomer |
| Protection rating:     | IP 68 - 5 bar                                                                   |
| Temperature range:     | Fixed: -40 °C to +100 °C<br>Dynamic: -20 °C to +100 °C                          |

### Note

Photographs and graphics 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® ST-HF-M

| Article number              | Article designation / size | Ø F mm  | SW wrench size mm | Overall length C mm | Thread length D mm | Pieces / PU |
|-----------------------------|----------------------------|---------|-------------------|---------------------|--------------------|-------------|
| SKINTOP® ST-HF-M light grey |                            |         |                   |                     |                    |             |
| 53111407                    | M 12 x 1,5                 | 4 - 5.5 | 15                | 30.0                | 8                  | 100         |
| 53111417                    | M 16 x 1,5                 | 4.5 - 9 | 19                | 34.0                | 8                  | 100         |
| 53111427                    | M 20 x 1,5                 | 7 - 13  | 25                | 37.0                | 9                  | 100         |
| 53111437                    | M 25 x 1,5                 | 9 - 17  | 30                | 40.0                | 10                 | 50          |
| 53111447                    | M 32 x 1,5                 | 11 - 21 | 36                | 47.0                | 10                 | 25          |
| 53111457                    | M 40 x 1,5                 | 19 - 28 | 46                | 52.0                | 10                 | 10          |
| 53111467                    | M 50 x 1,5                 | 27 - 35 | 55                | 62.0                | 12                 | 5           |
| 53111477                    | M 63 x 1,5                 | 34 - 45 | 66                | 71.0                | 12                 | 5           |
| SKINTOP® ST-HF-M black      |                            |         |                   |                     |                    |             |
| 53111408                    | M 12 x 1,5                 | 4 - 5.5 | 15                | 30.0                | 8                  | 100         |
| 53111418                    | M 16 x 1,5                 | 4.5 - 9 | 19                | 34.0                | 8                  | 100         |
| 53111422                    | M 20 x 1,5                 | 7 - 13  | 25                | 37.0                | 9                  | 100         |
| 53111438                    | M 25 x 1,5                 | 9 - 17  | 30                | 40.0                | 10                 | 50          |
| 53111448                    | M 32 x 1,5                 | 11 - 21 | 36                | 47.0                | 10                 | 25          |
| 53111458                    | M 40 x 1,5                 | 19 - 28 | 46                | 52.0                | 10                 | 10          |
| 53111468                    | M 50 x 1,5                 | 27 - 35 | 55                | 62.0                | 12                 | 5           |
| 53111478                    | M 63 x 1,5                 | 34 - 45 | 66                | 70.0                | 12                 | 5           |

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