



## SKINTOP® ST-M / SKINTOP® STR-M



## Info

- Now with IP69 approval! Proven to withstand the most demanding cleaning procedures for industrial machinery with high-pressure cleaners and hot water!

## Benefits

## SKINTOP® ST-M

- High oil-resistance for maximum reliability
- Permanent vibration protection
- Wide, variable clamping ranges
- Optimum strain relief
- Various accessories (e.g. multiple sealing inserts)

## Application range

## SKINTOP® ST-M

- Used in areas where cables and wires need to be safely inserted into housings
- Machine and equipment manufacturing
- Photovoltaic
- Automation technology
- Offshore platforms, equipment and shipyards

## SKINTOP® STR-M

- With reducing seal insert, to seal cables with smaller outer diameters.

## Norm references / Approvals

- UL File Nr. E79903
- GGVS: TÜ.EGG.020-95

## Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information EN 50262

## Note

- Refer to SKINTOP® metric accessories for suitable accessories
- Counter nut to be used: SKINTOP® GMP-GL-M
- SKINTOP® ST(R) M ISO types have an extra-long connection thread
- SKINTOP® ST(R) M ISO versions with extra-long connection thread, see table, no DNV approval

## Suitable cables

- The following cables are recommended for IP 69 applications:  
ÖLFLEX® ROBUST 200  
H07RN8-F  
H07RN-F

## Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 782
- SKINMATIC® RZ refer to page 783
- SKINMATIC® MH Set refer to page 782

## Technical data



## Classification

ETIM 5.0 Class-ID: EC000441  
ETIM 5.0 Class-Description:  
Cable screw gland



## Caution

## SKINTOP® ST-M

Refer to Appendix T21 for the installation dimensions and torques  
Size M 40 x 1,5 up tp M 63 x 1,5 with O-ring

## SKINTOP® STR-M

Refer to Appendix T21 for the installation dimensions and torques



## Colour delivered

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



## Material

Body: Polyamide  
Seal: CR

## Tests

GGVS: TÜ.EGG.020-95



## Protection rating

IP 68 - 5 bar  
IP 69



## Temperature range

Fixed: -40°C to +100°C  
Dynamic: -20°C to +100°C

| Article number                   | Article designation / size | Clamping range<br>ØF (mm) | SW wrench size<br>mm | Overall length,<br>C (mm) | Thread length,<br>D (mm) | Pieces / PU |
|----------------------------------|----------------------------|---------------------------|----------------------|---------------------------|--------------------------|-------------|
| <b>SKINTOP® ST-M silver grey</b> |                            |                           |                      |                           |                          |             |
| 53111000                         | ST-M 12 x 1,5              | 3,5-7                     | 15                   | 30.0                      | 8                        | 100         |
| 53111010                         | ST-M 16 x 1,5              | 4,5-10                    | 19                   | 34.0                      | 8                        | 100         |
| 53111020                         | ST-M 20 x 1,5              | 7-13                      | 25                   | 37.0                      | 9                        | 100         |
| 53111030                         | ST-M 25 x 1,5              | 10-17                     | 30                   | 40.0                      | 10                       | 50          |
| 53111040                         | ST-M 32 x 1,5              | 11-21                     | 36                   | 47.0                      | 10                       | 25          |
| 53111050                         | ST-M 40 x 1,5              | 19-28                     | 46                   | 52.0                      | 10                       | 10          |
| 53111060                         | ST-M 50 x 1,5              | 27-35                     | 55                   | 62.0                      | 12                       | 5           |
| 53111070                         | ST-M 63 x 1,5              | 34-45                     | 66                   | 71.0                      | 12                       | 5           |
| <b>SKINTOP® ST-M black</b>       |                            |                           |                      |                           |                          |             |
| 53111200                         | ST-M 12 x 1,5              | 3,5-7                     | 15                   | 30.0                      | 8                        | 100         |
| 53111210                         | ST-M 16 x 1,5              | 4,5-10                    | 19                   | 34.0                      | 8                        | 100         |
| 53111220                         | ST-M 20 x 1,5              | 7-13                      | 25                   | 37.0                      | 9                        | 100         |
| 53111230                         | ST-M 25 x 1,5              | 10-17                     | 30                   | 40.0                      | 10                       | 50          |
| 53111240                         | ST-M 32 x 1,5              | 11-21                     | 36                   | 47.0                      | 10                       | 25          |
| 53111250                         | ST-M 40 x 1,5              | 19-28                     | 46                   | 52.0                      | 10                       | 10          |
| 53111260                         | ST-M 50 x 1,5              | 27-35                     | 55                   | 62.0                      | 12                       | 5           |
| 53111270                         | ST-M 63 x 1,5              | 34-45                     | 66                   | 71.0                      | 12                       | 5           |
| <b>SKINTOP® ST-M light grey</b>  |                            |                           |                      |                           |                          |             |
| 53111400                         | ST-M 12 x 1,5              | 3,5-7                     | 15                   | 30.0                      | 8                        | 100         |
| 53111410                         | ST-M 16 x 1,5              | 4,5-10                    | 19                   | 34.0                      | 8                        | 100         |
| 53111420                         | ST-M 20 x 1,5              | 7-13                      | 25                   | 37.0                      | 9                        | 100         |
| 53111430                         | ST-M 25 x 1,5              | 10-17                     | 30                   | 40.0                      | 10                       | 50          |
| 53111440                         | ST-M 32 x 1,5              | 11-21                     | 36                   | 47.0                      | 10                       | 25          |
| 53111450                         | ST-M 40 x 1,5              | 19-28                     | 46                   | 52.0                      | 10                       | 10          |
| 53111460                         | ST-M 50 x 1,5              | 27-35                     | 55                   | 62.0                      | 12                       | 5           |
| 53111470                         | ST-M 63 x 1,5              | 34-45                     | 66                   | 71.0                      | 12                       | 5           |

| Article number                                                             | Article designation / size | Clamping range<br>ØF (mm) | SW wrench size<br>mm | Overall length,<br>C (mm) | Thread length,<br>D (mm) | Pieces / PU |
|----------------------------------------------------------------------------|----------------------------|---------------------------|----------------------|---------------------------|--------------------------|-------------|
| <b>SKINTOP® ST M ISO silver-grey (with long metric connecting thread)</b>  |                            |                           |                      |                           |                          |             |
| 53017010                                                                   | ST M 16 x 1,5              | 3,5-8                     | 19                   | 40.0                      | 12                       | 100         |
| 53017030                                                                   | ST M 20 x 1,5              | 5-12                      | 24                   | 45.0                      | 13                       | 100         |
| 53017040                                                                   | ST M 25 x 1,5              | 9-14                      | 27                   | 47.0                      | 13                       | 50          |
| <b>SKINTOP® ST M ISO black (with long metric connecting thread)</b>        |                            |                           |                      |                           |                          |             |
| 53010000                                                                   | ST-M 12 x 1,5              | 3,5-7                     | 15                   | 36.7                      | 15                       | 100         |
| 53017210                                                                   | ST M 16 x 1,5              | 3,5-8                     | 19                   | 40.0                      | 12                       | 100         |
| 53017230                                                                   | ST M 20 x 1,5              | 5-12                      | 24                   | 45.0                      | 13                       | 100         |
| 53017240                                                                   | ST M 25 x 1,5              | 9-14                      | 27                   | 47.0                      | 13                       | 50          |
| <b>SKINTOP® STR-M silver grey</b>                                          |                            |                           |                      |                           |                          |             |
| 53111100                                                                   | STR-M 12 x 1,5             | 1-5                       | 15                   | 30.0                      | 8                        | 100         |
| 53111110                                                                   | STR-M 16 x 1,5             | 2-7                       | 19                   | 34.0                      | 8                        | 100         |
| 53111120                                                                   | STR-M 20 x 1,5             | 5-10                      | 25                   | 37.0                      | 9                        | 100         |
| 53111130                                                                   | STR-M 25 x 1,5             | 6-13                      | 30                   | 40.0                      | 10                       | 50          |
| 53111140                                                                   | STR-M 32 x 1,5             | 7-15                      | 36                   | 47.0                      | 10                       | 25          |
| 53111150                                                                   | STR-M 40 x 1,5             | 15-23                     | 46                   | 52.0                      | 10                       | 10          |
| 53111160                                                                   | STR-M 50 x 1,5             | 22-29                     | 55                   | 62.0                      | 12                       | 5           |
| 53111170                                                                   | STR-M 63 x 1,5             | 28-39                     | 66                   | 71.0                      | 12                       | 5           |
| <b>SKINTOP® STR-M black</b>                                                |                            |                           |                      |                           |                          |             |
| 53111300                                                                   | STR-M 12 x 1,5             | 1-5                       | 15                   | 30.0                      | 8                        | 100         |
| 53111310                                                                   | STR-M 16 x 1,5             | 2-7                       | 19                   | 34.0                      | 8                        | 100         |
| 53111320                                                                   | STR-M 20 x 1,5             | 5-10                      | 25                   | 37.0                      | 9                        | 100         |
| 53111330                                                                   | STR-M 25 x 1,5             | 6-13                      | 30                   | 40.0                      | 10                       | 50          |
| 53111340                                                                   | STR-M 32 x 1,5             | 7-15                      | 36                   | 47.0                      | 10                       | 25          |
| 53111350                                                                   | STR-M 40 x 1,5             | 15-23                     | 46                   | 52.0                      | 10                       | 10          |
| 53111360                                                                   | STR-M 50 x 1,5             | 22-29                     | 55                   | 62.0                      | 12                       | 5           |
| 53111370                                                                   | STR-M 63 x 1,5             | 28-39                     | 66                   | 71.0                      | 12                       | 5           |
| <b>SKINTOP® STR-M light grey</b>                                           |                            |                           |                      |                           |                          |             |
| 53111500                                                                   | STR-M 12 x 1,5             | 1-5                       | 15                   | 30.0                      | 8                        | 100         |
| 53111510                                                                   | STR-M 16 x 1,5             | 2-7                       | 19                   | 34.0                      | 8                        | 100         |
| 53111520                                                                   | STR-M 20 x 1,5             | 5-10                      | 25                   | 37.0                      | 9                        | 100         |
| 53111530                                                                   | STR-M 25 x 1,5             | 6-13                      | 30                   | 40.0                      | 10                       | 50          |
| 53111540                                                                   | STR-M 32 x 1,5             | 7-15                      | 36                   | 47.0                      | 10                       | 25          |
| 53111550                                                                   | STR-M 40 x 1,5             | 15-23                     | 46                   | 52.0                      | 10                       | 10          |
| 53111560                                                                   | STR-M 50 x 1,5             | 22-29                     | 55                   | 62.0                      | 12                       | 5           |
| 53111570                                                                   | STR-M 63 x 1,5             | 28-39                     | 66                   | 71.0                      | 12                       | 5           |
| <b>SKINTOP® STR M ISO silver-grey (with long metric connecting thread)</b> |                            |                           |                      |                           |                          |             |
| 53017110                                                                   | STR M 16 x 1,5             | 2-6                       | 19                   | 40.0                      | 12                       | 100         |
| 53017130                                                                   | STR M 20 x 1,5             | 4-9                       | 24                   | 45.0                      | 13                       | 100         |
| 53017140                                                                   | STR M 25 x 1,5             | 6-12                      | 27                   | 47.0                      | 13                       | 50          |
| <b>SKINTOP® STR M ISO black (with long metric connecting thread)</b>       |                            |                           |                      |                           |                          |             |
| 53017310                                                                   | STR M 16 x 1,5             | 2-6                       | 19                   | 40.0                      | 12                       | 100         |
| 53017330                                                                   | STR M 20 x 1,5             | 4-9                       | 24                   | 45.0                      | 13                       | 100         |
| 53017340                                                                   | STR M 25 x 1,5             | 6-12                      | 27                   | 47.0                      | 13                       | 50          |

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

#### Accessories

##### SKINTOP® ST-M

- SKINTOP® DIX-M refer to page 740
- SKINTOP® GMP-GL-M refer to page 738
- SKINTOP® DIX-M AUTOMATION refer to page 741
- SKINTOP® SDV-M ATEX refer to page 731
- SKINTOP® SD-M refer to page 742
- SKINTOP® DV-M refer to page 742

##### SKINTOP® STR-M

- SKINTOP® DIX-M refer to page 740
- SKINTOP® GMP-GL-M refer to page 738
- SKINTOP® DIX-M AUTOMATION refer to page 741