



**SKINTOP® ST-M / SKINTOP® STR-M**



**i 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**

**ETIM** **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

**RAL** **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

**IP** **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 ØF (mm)	SW wrench size mm	Overall length, C (mm)	Thread length, 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 ØF (mm)	SW wrench size mm	Overall length, C (mm)	Thread length, 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