


|                           |                                     |   |
|---------------------------|-------------------------------------|---|
| 53017010                  | <b>DATA SHEET</b>                   |  |
| Valid from:<br>25.11.2021 | <b>SKINTOP® ST-M-ISO/ STR-M-ISO</b> |   |

The polyamide based SKINTOP® ST-M-ISO/ STR-M-ISO is designed for universal use, above all for functional safety in manufacturing of machines and equipment, in measuring, controlling and automation, as well as in the electronic technology and in manufacturing of robots.



### Component parts:

|                                 |                                    |
|---------------------------------|------------------------------------|
| Gland body with lamellar design | Polyamide based plastic (UL 94-V2) |
| Cap nut                         | Polyamide based plastic (UL 94-V2) |
| Seal insert                     | Elastomer                          |

### Technical features:


|                    |   |
|--------------------|---|
| Connecting thread: | M 16x1.5; M20x1,5; M 25x1.5 in acc. to DIN 13 T6                          |
| Functional thread: | Multi-start trapezoidal thread  |
| IP protection:     | IP 68 - 5 bar/30 min., acc. to DIN EN 60529<br>IP 69 acc. to DIN EN 60529 |
| Strain relief:     | Category A according to DIN IEC 62444                                     |
| Temperature range: | Static: -40°C up to +100°C<br>Dynamic: -20°C up to +100°C                 |
| Type:              | ST-M-ISO = standard;<br>STR-M-ISO = standard with reducing seal insert    |
| UV-resistant       |   |
| Tightening torques |   |
| M16x1,5; M20x1,5   | 3 Nm  |
| M25x1,5            | 5 Nm  |

### Approval:

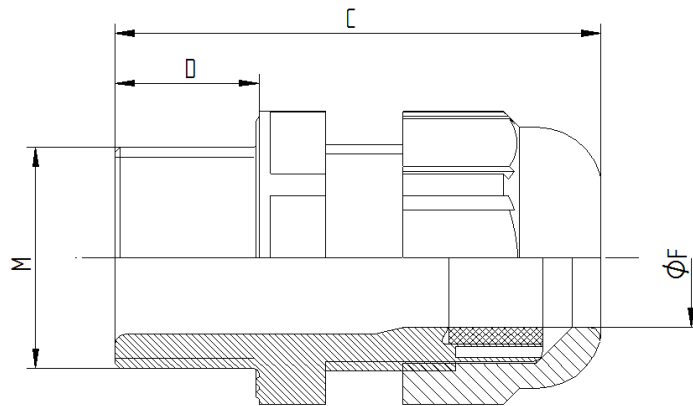


UL File E79903  
(Test in acc. to UL514B)

|   |                                       |             |
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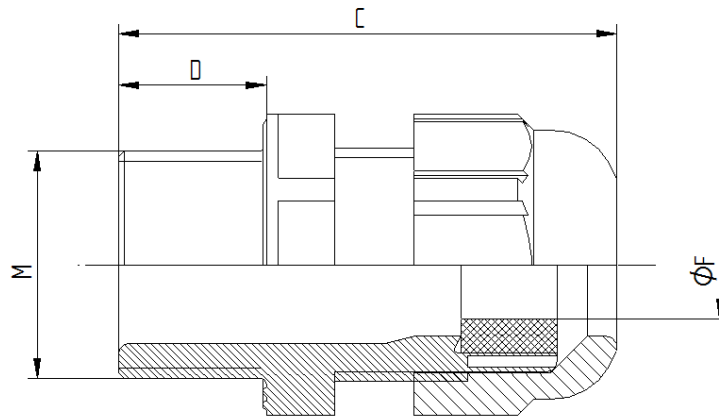
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### SKINTOP ST-M ISO



| Typ / Type          | Gewinde / Thread (M) | SW | φ A  | C    |      | D  | φ F   | Artikel-Nr. / Part No. |           |
|---------------------|----------------------|----|------|------|------|----|-------|------------------------|-----------|
|                     |                      |    |      | min. | max. |    |       | RAL 7001               | RAL 9005  |
| Skintop® ST-M16 ISO | M16x1,5              | 19 | 21,1 | 33   | 40   | 12 | 3,5-8 | 5301 7010              | 5301 7210 |
| Skintop® ST-M20 ISO | M20x1,5              | 24 | 26,5 | 36   | 44   | 13 | 5-12  | 5301 7030              | 5301 7230 |
| Skintop® ST-M25 ISO | M25x1,5              | 27 | 29,5 | 38   | 47   | 13 | 9-14  | 5301 7040              | 5301 7240 |

### SKINTOP STR-M ISO



| Typ / Type           | Gewinde / Thread (M) | SW | φ A  | C    |      | D  | φ F  | Artikel-Nr. / Part No. |           |
|----------------------|----------------------|----|------|------|------|----|------|------------------------|-----------|
|                      |                      |    |      | min. | max. |    |      | RAL 7001               | RAL 9005  |
| Skintop® STR-M16 ISO | M16x1,5              | 19 | 21,1 | 33   | 40   | 12 | 2-6  | 5301 7110              | 5301 7310 |
| Skintop® STR-M20 ISO | M20x1,5              | 24 | 26,5 | 36   | 44   | 13 | 4-9  | 5301 7130              | 5301 7330 |
| Skintop® STR-M25 ISO | M25x1,5              | 27 | 29,5 | 38   | 47   | 13 | 6-12 | 5301 7140              | 5301 7340 |

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

|   |                                       |             |
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