

SKINTOP® HYGIENIC NPT 1/4IN
Article No.: 54114100

Cable gland; NPT 1/4"; Clamping range (min./max.): 0.157 - 0.236 in; Wrench width 1: 0.63; Stainless steel Uncoated; UV-resistant; IP 68 - 10 g/cm² (30 min), IP 69;


Details
Benefits

- Hygienic design with smooth surfaces and contours without corners and edges prevents residues such as liquids and micro-organisms from accumulating and posing a risk of contamination for food processing machinery. This facilitates simple, frequent and safe product cleaning.
- Multiple food and beverage certifications for Europe and North America.
- Tested resistance to ECOLAB® disinfectants and cleaning agents.
- The best possible sealing enables protection classes IP 68 (10 bar) and IP 69.
- Sealing material in blue to easily distinguish the cable glands used in the food industry.
- Sealing material compliant with FDA 21 CFR 177.2600, specifically for the food and beverage industry in North America.

- Certified according to NSF/ANSI 169 for use in hygiene-critical areas in North America (Standard: Special Purpose Food Equipment and Devices/for Use in Food Zone Non Contact).
- Certified according to EHEDG for use in hygienic areas in Europe (certification type EL, certification class I AUX) while observing the hygienic design principles (guideline "Design criteria for hygienic machinery, appliances and components").

Application

- For sealing and strain relieving cable insertion into a housing.
- Especially for hygiene-critical areas of the food industry, where the product needs to be installed in the product zone or in the direct food production environment.
- Also suitable for use in hygiene-critical areas of the pharmaceutical and chemical industry.
- Withstands high chemical and mechanical loads.

Notes

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

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Remarks

Technical Data

General information

| | |
|------------------------|-------------|
| Brand | SKINTOP® |
| Product type | Cable gland |
| Delivery with lock nut | No |
| Type of packaging | Bag |
| Delivery Unit | 5 |

Electrical parameters

Product design

| | |
|-----------------------------|----------------------|
| For armored cables | No |
| Glass-fibre reinforced | No |
| Number of cable entries | 1 pc. |
| With bending protection | No |
| Cable gland design | Straight |
| Total length | 1.555 in |
| Clear width | 0.236 in |
| Thread type | NPT |
| Thread size | NPT 1/4" |
| Pitch of thread | 1,41 |
| Thread length | 0.283 in |
| Spanner size 1 | 0.63 in |
| Wrench size 2 | 0.63 in |
| Hexagon corner dimensions | 0.74 in |
| Clamping range min. | 0.157 in |
| Clamping range max. | 0.236 in |
| EMC shielding | No |
| Material insert | Polyamide |
| Seal type | Conduit Sealing Ring |
| Thread-side sealing element | Flat seal |
| Cable-side sealing element | Conduit Sealing Ring |
| Material sealing | Fluorinated rubber |
| Body material | Stainless steel |
| Body material, short form | V4A |
| Surface protection | Uncoated |
| Colour description | metal |

Product features

| | |
|----------------------|--|
| IP protection rating | IP 68 - 10 g/cm ² (30 min) IP 69 |
|----------------------|--|

| | |
|------------------------------|--|
| NEMA classification type | Type 1 Type 2 Type 4x Type 6 Type 12 |
| Suitable for EX-applications | No |
| Temperature (min.) | -20 °C |
| Max. temperatur | 100 °C |
| Flame-retardant | Yes |
| UV-resistant | Yes |
| Chemical resistant | Yes |
| Acid-resistant | Yes |
| corrosion resistant | Yes |
| Halogenfree | No |
| Oil resistant | Yes |
| Impact proof | Yes |
| Vibration protection | Yes |
| Strain relief | Yes |

Certifications and standards

| | |
|----------------------|--|
| CE marking | Yes |
| UL recognized | Yes |
| UL AWM certification | according to UL 514B (CCN: QBPZ2 / e-file number: E79903) |
| UL listed | No |
| cUR recognized | Yes |
| cUR certification | according to CSA C22.2 No. 18.3 (CCN: QBPZ8 / e-file number: E79903) |
| cUL listed | No |
| CSA certified | No |
| VDE certified | No |
| For Ex zone gas | without |
| For Ex-zone dust | without |
| GGVS certified | No |
| DNV-certified | No |

| | |
|---|--------|
| Tested for fire protection for railway vehicles | No |
| Ecolab certified | Yes |
| NSF certified | Yes |
| FDA certified | Yes |
| FDA certification according to | CFR 21 |
| EHEDG certified | Yes |

SKINTOP® HYGIENIC NPT

| Article No. | Name | Thread size | Thread length | Clamping range min. | Clamping range max. | Spanner size 1 | Delivery Unit |
|-------------|-------------------------------|-------------|---------------|---------------------|---------------------|----------------|---------------|
| 54114100 | SKINTOP® HYGIENIC NPT 1/4IN | NPT 1/4" | 0.283 in | 0.157 in | 0.236 in | 0.63 in | 5 |
| 54114110 | SKINTOP® HYGIENIC NPT 3/8IN | NPT 3/8" | 0.307 in | 0.256 in | 0.354 in | 0.787 in | 5 |
| 54114120 | SKINTOP® HYGIENIC NPT 1/2IN | NPT 1/2" | 0.331 in | 0.354 in | 0.472 in | 0.945 in | 5 |
| 54114130 | SKINTOP® HYGIENIC NPT 3/4IN | NPT 3/4" | 0.346 in | 0.453 in | 0.61 in | 1.142 in | 5 |
| 54114200 | SKINTOP® HYGIENIC-R NPT 1/4IN | NPT 1/4" | 0.283 in | 0.118 in | 0.177 in | 0.63 in | 5 |
| 54114210 | SKINTOP® HYGIENIC-R NPT 3/8IN | NPT 3/8" | 0.307 in | 0.177 in | 0.276 in | 0.787 in | 5 |
| 54114220 | SKINTOP® HYGIENIC-R NPT 1/2IN | NPT 1/2" | 0.331 in | 0.276 in | 0.394 in | 0.945 in | 5 |
| 54114230 | SKINTOP® HYGIENIC-R NPT 3/4IN | NPT 3/4" | 0.346 in | 0.354 in | 0.492 in | 1.142 in | 5 |

V1.1