

# SKINTOP® MS-NPT/MS-M BRUSH

Liquid-Tight, Metallic Strain Relief for EMC Shielding Applications

Easy to Assemble, Cable Gland with NPT or Metric Threads



The SKINTOP® MS-NPT/MS-M BRUSH provides centered, fixed strain relief with a liquid-tight and dust-proof seal (IP68), all in one step. Simply insert the cable, push the screen braid under the innovative EMC brush, tighten and the connection is made.

The SKINTOP® MS-M BRUSH Plus sizes offers extra large clamping ranges.

## Application Advantage:

- Faster, easier, reliable screen contact
- Maximum assembly and adjustment possibilities
- 360° contact area allows for optimal low-resistance current return ground path



## SPECIAL FEATURES

SKINTOP® sizes M75X1.5 to M110X2.0 feature the innovative, double lamella gasket for easier assembling of cables with larger diameters

## Technical Data:



Materials:

Body:

Insert:

Bushing:

O-Ring:

Nickel-Plated Brass

Polyamide

Special Elastomer

Special Elastomer



Seal:

IP 68, 5 Bar

(Exceeds NEMA 6/ 6P Pressure rating)



Temperature Range: -30°C to +100°C

## SKINTOP® MS-NPT BRUSH: Liquid Tight, Metallic Strain Relief for EMC Shielding with NPT Threads

| Part Number | Thread Type & Size | Clamping Range<br>inches | SW<br>Wrenching Flats<br>inches | Minimum ø above<br>braiding<br>inches | Thread Length<br>inches | Standard<br>Pack<br>Size |
|-------------|--------------------|--------------------------|---------------------------------|---------------------------------------|-------------------------|--------------------------|
| 53112037    | NPT-3/4"           | 0.354 - 0.669            | 1.142                           | 0.236                                 | 0.591                   | 1                        |
| 53112047    | NPT-1"             | 0.433 - 0.827            | 1.417                           | 0.315                                 | 0.591                   | 1                        |
| 53112057    | NPT-1-1/4"         | 0.748 - 1.102            | 1.772                           | 0.394                                 | 0.669                   | 1                        |
| 53112067*   | NPT-1-1/2"         | 1.063 - 1.378            | 2.126                           | 0.551                                 | 0.669                   | 1                        |
| 53112077*   | NPT-2"             | 1.339 - 1.772            | 2.638                           | 0.787                                 | 0.669                   | 1                        |
| 53112087*   | NPT-2"             | 1.732 - 2.165            | 2.953                           | 0.984                                 | 0.669                   | 1                        |

\* Available upon request

## SKINTOP® MS-M BRUSH: Liquid-Tight, Metallic Strain Relief for EMC Shielding Applications

| Part Number | Thread Type & Size | Clamping Range<br>inches | SW<br>Wrenching Flats<br>inches | Minimum ø above<br>braiding<br>inches | Thread Length<br>inches | Standard<br>Pack<br>Size |
|-------------|--------------------|--------------------------|---------------------------------|---------------------------------------|-------------------------|--------------------------|
| 53112676    | M-25X1.5           | 0.354 - 0.669            | 1.142                           | 0.236                                 | 0.315                   | 10                       |
| 53112677    | M-32X1.5           | 0.433 - 0.827            | 1.417                           | 0.315                                 | 0.354                   | 1                        |
| 53112678    | M-40X1.5           | 0.748 - 1.102            | 1.772                           | 0.394                                 | 0.354                   | 1                        |
| 53112679    | M-50X1.5           | 1.063 - 1.378            | 2.126                           | 0.551                                 | 0.394                   | 1                        |
| 53112680    | M-63X1.5           | 1.339 - 1.772            | 2.638                           | 0.787                                 | 0.591                   | 1                        |
| 53112681    | M-63X1.5, plus     | 1.732 - 2.165            | 2.953                           | 0.984                                 | 0.591                   | 1                        |
| 53112501    | M-75X1.5           | 2.087 - 2.480            | 3.740                           | 1.378                                 | 0.591                   | 1                        |
| 53112500    | M-75X1.5, plus     | 2.283 - 2.677            | 3.740                           | 1.378                                 | 0.591                   | 1                        |
| 53112503    | M-90X2.0           | 2.598 - 3.071            | 4.528                           | 1.772                                 | 0.787                   | 1                        |
| 53112505    | M-110X2.0          | 2.992 - 3.465            | 5.315                           | 2.165                                 | 0.984                   | 1                        |
| 53112504    | M-110X2.0, plus    | 3.386 - 3.858            | 5.315                           | 2.165                                 | 0.984                   | 1                        |

Please note:

\*UL and VDE approvals pending on sizes M90X1.5 to M110X2.0