



**NON-METALLIC  
LIQUIDTIGHT  
STRAIN RELIEF  
CONNECTORS**

**March 3, 2003**

## Dome-Cap Strain Relief Connectors

### Applications & Specifications

Dome-Cap strain relief connectors exceed NEMA 6 liquid tight specifications, are suitable for use underwater to 300 feet, are rated at IP68 with a working temperature range of -30°C to +80°C, and can withstand water pressure up to 70 psig. All connectors meet or exceed UL, CSA and VDE specifications.

The Dome-Cap connector fits a wide range of cord diameters and is easily installed in either clearance or threaded holes. The connectors are well suited for cables used with fiber optics, computers, control cabinets, instruments, medical/dental equipment, car washes, hot tubs, and carpet cleaning machines.

They are also resistant to salt water, weak acids, weak alkalis, alcohol, esters, ketones, gasoline, mineral oil, animal and vegetable oil.



Accommodates cord diameters 3/8" to 1-1/4".



Nylon construction in black or gray. Aluminum available. Please consult customer service.

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# NON-METALLIC LIQUIDTIGHT STRAIN RELIEF CONNECTOR

## NON-METALLIC LIQUIDTIGHT STRAIN RELIEF CONNECTOR - PG THREAD



PG Thread

| Thread Size<br>PG | Locknut         | Walther Part No.     |                |      | Cable Size Range |              |
|-------------------|-----------------|----------------------|----------------|------|------------------|--------------|
|                   |                 | Gray                 | Black          |      | Min.             | Max.         |
| 7                 | without locknut | SR7-36-GRY           | SR7-36-BLK     | inch | 0.118            | 0.256        |
|                   | with locknut    | SR7-36-GRYN          | SR7-36-BLKN    | mm   | 3                | 6.5          |
|                   | without locknut | SR7-25-GRY           | SR7-25-BLK     | inch | 0.079            | 0.197        |
|                   | with locknut    | SR7-25-GRYN          | SR7-25-BLKN    | mm   | 2                | 5            |
| 9                 | without locknut | SR9-48-GRY           | SR9-48-BLK     | inch | 0.157            | 0.315        |
|                   | with locknut    | SR9-48-GRYN          | SR9-48-BLKN    | mm   | 4                | 8            |
|                   | without locknut | SR9-26-GRY           | SR9-26-BLK     | inch | 0.079            | 0.236        |
|                   | with locknut    | SR9-26-GRYN          | SR9-26-BLKN    | mm   | 2                | 6            |
| 11                | without locknut | <b>SR11-510-GRY</b>  | SR11-510-BLK   | inch | 0.197            | <b>0.394</b> |
|                   | with locknut    | SR11-510-GRYN        | SR11-510-BLKN  | mm   | 5                | 10           |
|                   | without locknut | SR11-26-GRY          | SR11-26-BLK    | inch | 0.079            | 0.236        |
|                   | with locknut    | SR11-26-GRYN         | SR11-26-BLKN   | mm   | 2                | 6            |
| 13.5              | without locknut | <b>SR135-612-GRY</b> | SR135-612-BLK  | inch | 0.236            | <b>0.472</b> |
|                   | with locknut    | SR135-612-GRYN       | SR135-612-BLKN | mm   | 6                | 12           |
|                   | without locknut | SR135-59-GRY         | SR135-59-BLK   | inch | 0.197            | <b>0.354</b> |
|                   | with locknut    | SR135-59-GRYN        | SR135-59-BLKN  | mm   | 5                | 9            |
| 16                | without locknut | <b>SR16-1014-GRY</b> | SR16-1014-BLK  | inch | 0.394            | <b>0.551</b> |
|                   | with locknut    | SR16-1014-GRYN       | SR16-1014-BLKN | mm   | 10               | 14           |
|                   | without locknut | SR16-712-GRY         | SR16-712-BLK   | inch | 0.276            | <b>0.472</b> |
|                   | with locknut    | SR16-712-GRYN        | SR16-712-BLKN  | mm   | 7                | 12           |
| 21                | without locknut | <b>SR21-1318-GRY</b> | SR21-1318-BLK  | inch | 0.512            | <b>0.709</b> |
|                   | with locknut    | SR21-1318-GRYN       | SR21-1318-BLKN | mm   | 13               | 18           |
|                   | without locknut | SR21-916-GRY         | SR21-916-BLK   | inch | 0.354            | <b>0.630</b> |
|                   | with locknut    | SR21-916-GRYN        | SR21-916-BLKN  | mm   | 9                | 16           |
| 29                | without locknut | <b>SR29-1825-GRY</b> | SR29-1825-BLK  | inch | 0.709            | <b>0.984</b> |
|                   | with locknut    | SR29-1825-GRYN       | SR29-1825-BLKN | mm   | 18               | 25           |
|                   | without locknut | SR29-1220-GRY        | SR29-1220-BLK  | inch | 0.472            | <b>0.787</b> |
|                   | with locknut    | SR29-1220-GRYN       | SR29-1220-BLKN | mm   | 12               | 20           |
| 36                | without locknut | <b>SR36-2232-GRY</b> | SR36-2232-BLK  | inch | 0.866            | 1.26         |
|                   | with locknut    | SR36-2232-GRYN       | SR36-2232-BLKN | mm   | 22               | 32           |
|                   | without locknut | SR36-2026-GRY        | SR36-2026-BLK  | inch | 0.787            | 1.02         |
|                   | with locknut    | SR36-2026-GRYN       | SR36-2026-BLKN | mm   | 20               | 26           |
| 42                | without locknut | SR42-3038-GRY        | SR42-3038-BLK  | inch | 1.18             | 1.50         |
|                   | with locknut    | SR42-3038-GRYN       | SR42-3038-BLKN | mm   | 30               | 38           |
|                   | without locknut | SR42-2531-GRY        | SR42-2531-BLK  | inch | 0.984            | 1.22         |
|                   | with locknut    | SR42-2531-GRYN       | SR42-2531-BLKN | mm   | 25               | 31           |
| 48                | without locknut | SR48-3444-GRY        | SR48-3444-BLK  | inch | 1.34             | 1.73         |
|                   | with locknut    | SR48-3444-GRYN       | SR48-3444-BLKN | mm   | 34               | 44           |
|                   | without locknut | SR48-2935-GRY        | SR48-2935-BLK  | inch | 1.14             | 1.38         |
|                   | with locknut    | SR48-2935-GRYN       | SR48-2935-BLKN | mm   | 29               | 35           |

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# NON-METALLIC LIQUIDTIGHT STRAIN RELIEF CONNECTOR

## NON-METALLIC LIQUIDTIGHT STRAIN RELIEF CONNECTOR - NPT THREAD



NPT Thread

| Thread Size<br>NPT | Locknut         | Walther Part No.      |                 |      | Cable Size Range |       |
|--------------------|-----------------|-----------------------|-----------------|------|------------------|-------|
|                    |                 | Gray                  | Black           |      | Min.             | Max.  |
|                    |                 |                       |                 |      |                  |       |
| 3/8"               | without locknut | SR38-510-GRY          | SR38-510-BLK    | inch | 0.19             | 0.39  |
|                    | with locknut    | SR38-510-GRYN         | SR38-510-BLKN   | mm   | 5                | 10    |
|                    | without locknut | SR38-37-GRY           | SR38-37-BLK     | inch | 0.12             | 0.28  |
|                    | with locknut    | SR38-37-GRYN          | SR38-37-BLKN    | mm   | 3                | 7     |
| 1/2"               | without locknut | <b>SR50-612-GRY</b>   | SR50-612-BLK    | inch | 0.236            | 0.472 |
|                    | with locknut    | SR50-612-GRYN         | SR50-612-BLKN   | mm   | 6                | 12    |
|                    | without locknut | SR50-59-GRY           | SR50-59-BLK     | inch | 0.197            | 0.354 |
|                    | with locknut    | SR50-59-GRYN          | SR50-59-BLKN    | mm   | 5                | 9     |
|                    | without locknut | SR50-712-GRY          | SR50-712-BLK    | inch | 0.276            | 0.472 |
|                    | with locknut    | SR50-712-GRYN         | SR50-712-BLKN   | mm   | 7                | 12    |
|                    | without locknut | SR50-1014-GRY         | SR50-1014-BLK   | inch | 0.394            | 0.551 |
|                    | with locknut    | SR50-1014-GRYN        | SR50-1014-BLKN  | mm   | 10               | 14    |
| 3/4"               | without locknut | <b>SR75-1318-GRY</b>  | SR75-1318-BLK   | inch | 0.512            | 0.709 |
|                    | with locknut    | SR75-1318-GRYN        | SR75-1318-BLKN  | mm   | 13               | 18    |
|                    | without locknut | SR75-916-GRY          | SR75-916-BLK    | inch | 0.354            | 0.630 |
|                    | with locknut    | SR75-916-GRYN         | SR75-916-BLKN   | mm   | 9                | 16    |
| 1"                 | without locknut | <b>SR100-1825-GRY</b> | SR100-1825-BLK  | inch | 0.709            | 0.984 |
|                    | with locknut    | SR100-1825-GRYN       | SR100-1825-BLKN | mm   | 18               | 25    |
|                    | without locknut | SR100-1220-GRY        | SR100-1220-BLK  | inch | 0.512            | 0.787 |
|                    | with locknut    | SR100-1220-GRYN       | SR100-1220-BLKN | mm   | 13               | 20    |
| 1 1/4"             | without locknut | SR125-1825-GRY        | SR125-1825-BLK  | inch | 0.709            | 0.984 |
|                    | without locknut | SR125-1320-GRY        | SR125-1320-BLK  | inch | 0.512            | 0.787 |
|                    |                 |                       |                 | mm   | 13               | 20    |
| 1 1/2"             | without locknut | SR150-2232-GRY        | SR150-2232-BLK  | inch | 0.866            | 1.26  |
|                    | without locknut | SR150-2026-GRY        | SR150-2026-BLK  | inch | 0.787            | 1.02  |
|                    |                 |                       |                 | mm   | 22               | 32    |
|                    |                 |                       |                 | mm   | 20               | 26    |

## NON-METALLIC LIQUIDTIGHT STRAIN RELIEF CONNECTOR - METRIC THREAD



Metric Thread

| Thread Size<br>Metric | Locknut         | Walther Part No.      |                 |      | Cable Size Range |       |
|-----------------------|-----------------|-----------------------|-----------------|------|------------------|-------|
|                       |                 | Gray                  | Black           |      | Min.             | Max.  |
|                       |                 |                       |                 |      |                  |       |
| 20                    | without locknut | <b>SR20M-612-GRY</b>  | SR20M-612-BLK   | inch | 0.236            | 0.472 |
|                       | with locknut    | SR20M-612-GRYN        | SR20M-612-BLKN  | mm   | 6                | 12    |
|                       | without locknut | <b>SR20M-1014-GRY</b> | SR20M-1014-BLK  | inch | 0.394            | 0.551 |
|                       | with locknut    | SR20M-1014-GRYN       | SR20M-1014-BLKN | mm   | 10               | 14    |
| 25                    | without locknut | <b>SR25M-1318-GRY</b> | SR25M-1318-BLK  | inch | 0.512            | 0.709 |
|                       | with locknut    | SR25M-1318-GRYN       | SR25M-1318-BLKN | mm   | 13               | 18    |
|                       | without locknut | SR25M-914-GRY         | SR25M-914-BLK   | inch | 0.354            | 0.551 |
|                       | with locknut    | SR25M-914-GRYN        | SR25M-914-BLKN  | mm   | 9                | 14    |
| 32                    | without locknut | <b>SR32M-1825-GRY</b> | SR32M-1825-BLK  | inch | 0.709            | 0.984 |
|                       | with locknut    | SR32M-1825-GRYN       | SR32M-1825-BLKN | mm   | 18               | 25    |
| 40                    | without locknut | <b>SR40M-2232-GRY</b> | SR40M-2232-BLK  | inch | 0.866            | 1.26  |
|                       | with locknut    | SR40M-2232-GRYN       | SR40M-2232-BLKN | mm   | 22               | 32    |

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