

## Strain-Relief Grips

Strain-Relief Grips are used to connect cord or cable to electrical enclosures and equipment. These grips prevent pullout due to tension and limit the arc of bend at the point of entry; strain is distributed over the length of mesh rather than concentrated at one point or transferred to the internal termination.

### Wide-Range Grips U\* R\*

Wide-Range Grips are recommended for use in wiring of enclosures, power boxes, machine tools, and power centers. They include an insulated bushing (dust-tight).

#### Single Weave Galvanized Steel Mesh

| CAT. NO. | CABLE DIA. RANGE (INCHES) | NPT SIZE (INCHES) | MESH LENGTH @ NOMINAL DIA. (INCHES) | MINIMUM DISTANCE BETWEEN GRIPS (INCHES) |
|----------|---------------------------|-------------------|-------------------------------------|---|
| L7501    | 0.22–0.32                 | 1/2               | 4                                   | 1-1/4                                   |
| L7502    | 0.30–0.43                 | 1/2               | 4-1/2                               | 1-1/4                                   |
| L7503    | 0.40–0.54                 | 1/2               | 5-1/2                               | 1-1/4                                   |
| L7504    | 0.52–0.73                 | 3/4               | 5-1/2                               | 1-1/2                                   |
| L7505    | 0.70–0.97                 | 1                 | 8                                   | 1-7/8                                   |
| L7506    | 0.94–1.25                 | 1-1/4             | 9                                   | 2-3/8                                   |
| L7507    | 1.20–1.50                 | 1-1/2             | 11                                  | 2-5/8                                   |
| L7508    | 1.40–1.75                 | 2                 | 13                                  | 3-1/4                                   |
| L7509    | 1.62–2.00                 | 2-1/2             | 13-1/2                              | 3-5/8                                   |
| L7511    | 2.00–2.45                 | 2-1/2             | 13-1/2                              | 3-5/8                                   |



### Cord Sealing Grips U\* R\*

Cord Sealing Grips with Mesh are nylon devices used to connect electrical cables to boxes, cabinets, pushbuttons, enclosures, etc. They are liquid-tight devices that are highly resistant to impact and corrosion. Non-metallic cord sealing grips will not support combustion. The ratings are: Wire Mesh Grip-94 HB and Fitting-94V-2. Cord Sealing Grip products are suitable for use in wet locations so long as a listed sealing ring is used between the box and the fitting.

#### Nylon Cord Sealing Grips with Mesh—Straight and 90°

| CAT. NOS.          |                    | STAINLESS STEEL MESH |       | NON-METALLIC MESH |     | CABLE DIA. RANGE (INCHES) | NPT (FORM SIZE) |
|--------------------|--------------------|----------------------|-------|-------------------|-----|---------------------------|-----------------|
| STRAIGHT           | 90°                | STRAIGHT             | 90°   | STRAIGHT          | 90° |                           |                 |
| L7521              | L7523              | L7522                | L7524 |                   |     | .187–.250                 |                 |
| L7525              | L7527              | L7526                | L7528 |                   |     | .250–.312                 |                 |
| L7529              | L7532              | L7531                | L7533 |                   |     | .312–.375                 | 1/2"            |
| L7534              | L7536              | L7535                | L7537 |                   |     | .375–.437                 | (F2)            |
| L7538              | L7541              | L7539                | L7542 |                   |     | .437–.500                 |                 |
| L7543 <sup>1</sup> | L7544 <sup>1</sup> |                      |       |                   |     | .500–.562                 |                 |
| L7545 <sup>1</sup> | L7546 <sup>1</sup> |                      |       |                   |     | .562–.625                 |                 |
| L7601              | L7603              | L7602                | L7604 |                   |     | .187–.250                 |                 |
| L7605              | L7607              | L7606                | L7608 |                   |     | .250–.375                 |                 |
| L7609              | L7612              | L7611                | L7613 |                   |     | .375–.437                 |                 |
| L7547              | L7549              | L7548                | L7551 |                   |     | .437–.562                 | 3/4"            |
| L7552              | L7554              | L7553                | L7555 |                   |     | .500–.625                 | (F3)            |
| L7556              | L7558              | L7557                | L7559 |                   |     | .562–.687                 |                 |
| L7561              | L7563              | L7562                | L7564 |                   |     | .625–.750                 |                 |
| L7565 <sup>1</sup> | L7566 <sup>1</sup> |                      |       |                   |     | .687–.812                 |                 |
| L7567              |                    | L7568                | L7569 |                   |     | .437–.562                 |                 |
| L7571              | L7573              | L7572                | L7574 |                   |     | .500–.625                 |                 |
| L7575              | L7577              | L7576                | L7578 |                   |     | .562–.687                 |                 |
| L7579              | L7582              | L7581                | L7583 |                   |     | .625–.750                 | 1"              |
| L7584              | L7586              | L7585                | L7587 |                   |     | .687–.812                 | (F4)            |
| L7588              | L7591              | L7589                | L7592 |                   |     | .750–.875                 |                 |
| L7593              | L7595              | L7594                | L7596 |                   |     | .812–.937                 |                 |
| L7597              | L7599              | L7598                | L7590 |                   |     | .875–1.000                |                 |
|                    |                    |                      |       |                   |     | 1.000–1.100               |                 |



Straight—SS mesh



90°—SS mesh



Straight—nylon mesh

<sup>1</sup>Cable jacket may have to be stripped for clearance. NOTE: F2, F3 and F4 are fitting form sizes.

\*Cord Sealing Grips with non-metallic mesh are UL Listed and CSA Certified. Cord Sealing Grips with stainless steel mesh are CSA Certified only.

