

## LAY-IN WIREWAY, NEMA TYPE 12



### INDUSTRY STANDARDS

UL 870 Listed; File No. E27524

NEMA/EEMAC Type 12

JIC standards EGP-1-1967 and EMP-1-1967

CSA, File No. 42184, Type 1

IEC 60529, IP54

### APPLICATION

Used primarily in industrial applications to protect wiring against exposure to oil and other contaminants, this gasketed wireway features quick-release latches for easy access and an opening on one side so wires and cables can be laid in along the entire run without pulling. Available in multiple sizes, this wireway's finish color and texture can be customized to meet application requirements.

### FEATURES

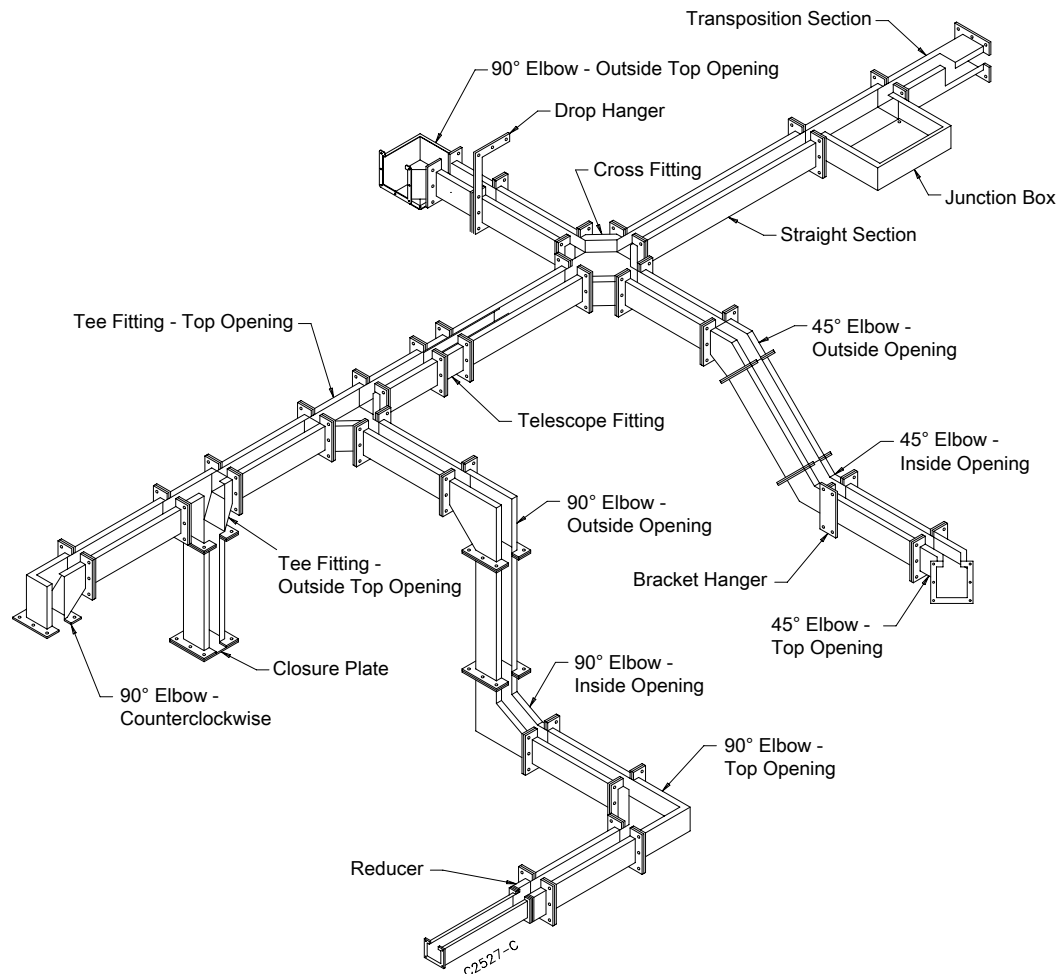
- Seams continuously welded and ground smooth
- No holes or knockouts
- Smooth, rounded edges on all sections and fittings
- Butt hinges and strong latches
- Quick-release cover latches
- Oil-resistant gasket and adhesive
- Gasketed quick-release sealing plate

### SPECIFICATIONS

- 14 gauge steel covers and bodies
- 10 gauge steel end flanges

### FINISH

- ANSI 61 gray polyester powder finish inside and out over pretreated surfaces
- Box connector is gray ANSI 61
- LSGQR sealing plate and quick-release latches are plated



## Standard Product Selection Matrix

| Description                                                                         | Sealing Plates <sup>a</sup> Type | Sealing Plates <sup>a</sup> Qty. | 2.50 x 2.50 in.<br>(64 x 64 mm) | 4.00 x 4.00 in.<br>(102 x 102 mm) | 6.00 x 6.00 in.<br>(152 x 152 mm) | 8.00 x 8.00 in.<br>(203 x 203 mm) | 12.00 x 6.00 in.<br>(305 x 152 mm) |
|-------------------------------------------------------------------------------------|----------------------------------|----------------------------------|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|
| 6.00-in. (152-mm) Straight Section                                                  | Flat                             | 1                                | F22L06 <sup>c,d</sup>           | F44L06 <sup>c,d</sup>             | F66L06 <sup>c,d</sup>             | F88L06 <sup>c,d</sup>             | F126L06 <sup>c,d</sup>             |
| 12.00-in. (305-mm) Straight Section                                                 | Flat                             | 1                                | F22L12 <sup>c,d</sup>           | F44L12 <sup>c,d</sup>             | F66L12 <sup>c,d</sup>             | F88L12 <sup>c,d</sup>             | F126L12 <sup>c,d</sup>             |
| 24.00-in. (610-mm) Straight Section                                                 | Flat                             | 1                                | F22L24 <sup>c,d</sup>           | F44L24 <sup>c,d</sup>             | F66L24 <sup>c,d</sup>             | F88L24 <sup>c,d</sup>             | F126L24 <sup>c,d</sup>             |
| 36.00-in. (914-mm) Straight Section                                                 | Flat                             | 1                                | F22L36 <sup>c,d</sup>           | F44L36 <sup>c,d</sup>             | F66L36 <sup>c,d</sup>             | F88L36 <sup>c,d</sup>             | F126L36 <sup>c,d</sup>             |
| 48.00-in. (1219-mm) Straight Section                                                | Flat                             | 1                                | F22L48 <sup>c,d</sup>           | F44L48 <sup>c,d</sup>             | F66L48 <sup>c,d</sup>             | F88L48 <sup>c,d</sup>             | F126L48 <sup>c,d</sup>             |
| 60.00-in. (1524-mm) Straight Section                                                | Flat                             | 1                                | F22L60 <sup>c,d</sup>           | F44L60 <sup>c,d</sup>             | F66L60 <sup>c,d</sup>             | F88L60 <sup>c,d</sup>             | F126L60 <sup>c,d</sup>             |
| 120.00-in. (3048-mm) Straight Section                                               | Flat                             | 1                                | F22L120 <sup>c,d</sup>          | F44L120 <sup>c,d</sup>            | F66L120 <sup>c,d</sup>            | F88L120 <sup>c,d</sup>            | F126L120 <sup>c,d</sup>            |
| Cutoff Fitting, Lay-In                                                              | Flat                             | 1                                | F22LXL                          | F44LXL                            | F66LXL                            | F88LXL                            | F126LXL                            |
| Cutoff Fitting, Not Lay-In                                                          | 90° Angle                        | 1                                | F22LX                           | F44LX                             | F66LX                             | F88LX                             | F126LX                             |
| Telescope Fitting, Lay-In                                                           | Special                          | 1                                | F22LA                           | F44LA                             | F66LA                             | F88LA                             | F126LA                             |
| Cross Fitting                                                                       | Flat                             | 3                                | F22LC <sup>c,d</sup>            | F44LC <sup>c,d</sup>              | F66LC <sup>c,d</sup>              | F88LC <sup>c,d</sup>              | F126LC <sup>c,d</sup>              |
| 90° Elbow, top opening                                                              | Flat                             | 1                                | F22LE9A <sup>c,d</sup>          | F44LE9A <sup>c,d</sup>            | F66LE9A <sup>c,d</sup>            | F88LE9A <sup>c,d</sup>            | F126LE9A <sup>c,d</sup>            |
| 90° Elbow, inside opening                                                           | Flat                             | 1                                | F22LE9B <sup>c,d</sup>          | F44LE9B <sup>c,d</sup>            | F66LE9B <sup>c,d</sup>            | F88LE9B <sup>c,d</sup>            | F126LE9B <sup>c,d</sup>            |
| 90° Elbow, outside opening                                                          | Flat                             | 1                                | F22LE9C <sup>c,d</sup>          | F44LE9C <sup>c,d</sup>            | F66LE9C <sup>c,d</sup>            | F88LE9C <sup>c,d</sup>            | F126LE9C <sup>c,d</sup>            |
| 90° Elbow, outside top opening                                                      | Flat                             | 2                                | —                               | F44LE9AC <sup>c,d</sup>           | F66LE9AC <sup>c,d</sup>           | F88LE9AC <sup>c,d</sup>           | —                                  |
| 45° Elbow, top opening                                                              | Flat                             | 1                                | F22LE45A <sup>c,d</sup>         | F44LE45A <sup>c,d</sup>           | F66LE45A <sup>c,d</sup>           | F88LE45A <sup>c,d</sup>           | F126LE45A <sup>c,d</sup>           |
| 45° Elbow, inside opening                                                           | Flat                             | 1                                | F22LE45B <sup>c,d</sup>         | F44LE45B <sup>c,d</sup>           | F66LE45B <sup>c,d</sup>           | F88LE45B <sup>c,d</sup>           | —                                  |
| 45° Elbow, outside opening                                                          | Flat                             | 1                                | F22LE45C <sup>c,d</sup>         | F44LE45C <sup>c,d</sup>           | F66LE45C <sup>c,d</sup>           | F88LE45C <sup>c,d</sup>           | —                                  |
| Tee Fitting, top opening                                                            | Flat                             | 2                                | F22LTA <sup>c,d</sup>           | F44LTA <sup>c,d</sup>             | F66LTA <sup>c,d</sup>             | F88LTA <sup>c,d</sup>             | F126LTA <sup>c,d</sup>             |
| Tee Fitting, outside top opening                                                    | Flat                             | 2                                | F22LTC <sup>c,d</sup>           | F44LTC <sup>c,d</sup>             | F66LTC <sup>c,d</sup>             | F88LTC <sup>c,d</sup>             | —                                  |
| Junction Box                                                                        | Flat                             | 1                                | F22LJ <sup>c,d</sup>            | F44LJ <sup>c,d</sup>              | F66LJ <sup>c,d</sup>              | F88LJ <sup>c,d</sup>              | —                                  |
| Closure Plate                                                                       | 90°                              | 1                                | F22LP                           | F44LP                             | F66LP                             | F88LP                             | —                                  |
| Box Connector                                                                       | 90°                              | 1                                | F22LB                           | F44LB                             | F66LB                             | F88LB                             | —                                  |
| Reducer 4.00 x 4.00 to 2.50 x 2.50<br>(102 x 102) to (64 x 64)                      | None                             | 0                                | —                               | F44LRE2                           | —                                 | —                                 | —                                  |
| Reducer 6.00 x 6.00 to 4.00 x 4.00<br>(152 x 152) to (102 x 102)                    | None                             | 0                                | —                               | —                                 | F66LRE44 <sup>c,d</sup>           | —                                 | —                                  |
| Reducer 8.00 x 8.00 to 6.00 x 6.00<br>(203 x 203) to (152 x 152)                    | None                             | 0                                | —                               | —                                 | —                                 | F88LRE66 <sup>d</sup>             | —                                  |
| Reducer 12.00 x 6.00 to 6.00 x 6.00<br>(305 x 152) to (152 x 152)                   | None                             | 0                                | —                               | —                                 | —                                 | —                                 | F126LRE66 <sup>c,d</sup>           |
| Reducer 12.00 x 6.00 to 4.00 x 4.00<br>(305 x 152) to (102 x 102)                   | None                             | 0                                | —                               | —                                 | —                                 | —                                 | F126LRE44 <sup>c,d</sup>           |
| 1.00-in. (25-mm) Nipple                                                             | Special                          | 1                                | F22LN1 <sup>c,d</sup>           | F44LN1 <sup>c,d</sup>             | F66LN1 <sup>c,d</sup>             | —                                 | —                                  |
| 2.00-in. (51-mm) Nipple                                                             | Special                          | 1                                | F22LN2 <sup>c,d</sup>           | F44LN2 <sup>c,d</sup>             | F66LN2 <sup>c,d</sup>             | —                                 | —                                  |
| 3.00-in. (76-mm) Nipple                                                             | Special                          | 1                                | F22LN3 <sup>c,d</sup>           | F44LN3 <sup>c,d</sup>             | F66LN3 <sup>c,d</sup>             | —                                 | —                                  |
| Drop Hanger                                                                         | None                             | 0                                | F22HD                           | F44HD                             | F66HD                             | F88HD                             | —                                  |
| Bracket Hanger                                                                      | None                             | 0                                | F22HB                           | F44HB                             | F66HB                             | F88HB                             | —                                  |
| Clockwise Transposition Section                                                     | Flat                             | 1                                | F22LKT <sup>c,d</sup>           | F44LKT <sup>c,d</sup>             | F66LKT <sup>c,d</sup>             | —                                 | —                                  |
| Counterclockwise Transposition Section                                              | Flat                             | 1                                | F22LKOKT <sup>c,d</sup>         | F44LKOKT <sup>c,d</sup>           | F66LKOKT <sup>c,d</sup>           | —                                 | —                                  |
| 90° Elbow, Clockwise Transposition                                                  | Flat                             | 1                                | F22LE9KT <sup>c,d</sup>         | F44LE9KT <sup>c,d</sup>           | F66LE9KT <sup>c,d</sup>           | F88LE9KT <sup>c,d</sup>           | —                                  |
| 90° Elbow, Counterclockwise Transposition                                           | Flat                             | 1                                | F22LE9KOKT <sup>c,d</sup>       | F44LE9KOKT <sup>c,d</sup>         | F66LE9KOKT <sup>c,d</sup>         | F88LE9KOKT <sup>c,d</sup>         | —                                  |
| Barrier Kit, bolt-on<br>Each barrier 60.00 in. (1524 mm)                            | None                             | 0                                | —                               | F44BK60                           | F66BK60                           | F88BK60                           | F66BK60                            |
| Barrier, bracket-mounted <sup>b</sup> Each barrier 60.00 in. (1524 mm) <sup>b</sup> | —                                | 1 pkg. (5 pcs.)                  | —                               | F44B360                           | F66B360                           | —                                 | —                                  |
| Barrier Brackets, 2 compartment <sup>b</sup>                                        | —                                | 1 pkg. (5 pcs.)                  | —                               | F44B2C                            | F66B2C                            | —                                 | —                                  |
| Barrier Brackets, 3 compartment <sup>b</sup>                                        | —                                | 1 pkg. (5 pcs.)                  | —                               | F44B3C                            | F66B3C                            | —                                 | —                                  |
| Flat Sealing Plate <sup>a</sup>                                                     | —                                | —                                | F22LSG0R                        | F44LSG0R                          | F66LSG0R                          | F88LSG0R                          | F126LSG0R                          |
| 90° Angle Sealing Plate <sup>a</sup>                                                | —                                | —                                | F22LSAG                         | F44LSAG                           | F66LSAG                           | F88LSAG                           | F126LSAG                           |

<sup>a</sup> Each sealing plate also includes one gasket and one set of screws to join sections.<sup>b</sup> Package consists of five barriers or five brackets. Each barrier is 60-in. long.<sup>c</sup> Certified by Canadian Standards Association.<sup>d</sup> UL 870

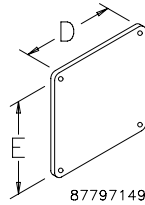
CLOSURE PLATE

Used to seal the end of a wireway section or run.

BULLETIN: F10

| Catalog Number | Sealing Plates, Type <sup>a</sup> | Sealing Plates, Qty. <sup>a</sup> | D in./mm     | E in./mm    |
|----------------|-----------------------------------|-----------------------------------|--------------|-------------|
| F22LP          | 90°                               | 1                                 | 3.88<br>99   | 3.88<br>99  |
| F44LP          | 90°                               | 1                                 | 5.38<br>137  | 5.38<br>137 |
| F66LP          | 90°                               | 1                                 | 7.62<br>194  | 7.62<br>194 |
| F88LP          | 90°                               | 1                                 | 9.62<br>244  | 9.62<br>244 |
| F126LP         | 90°                               | 1                                 | 13.62<br>346 | 7.62<br>194 |

<sup>a</sup>Each sealing plate also includes one gasket and one set of screws to join sections.



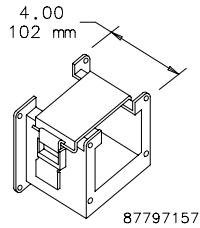
REDUCER

This fitting permits the lay-in feature to be retained when reducing to a smaller wireway size.

BULLETIN: F10

| Catalog Number | Sealing Plates, Type | Sealing Plates, Qty. | From A x B in./mm         | To A x B in./mm          |
|----------------|----------------------|----------------------|---------------------------|--------------------------|
| F44LRE22       | None                 | 0                    | 4.00 x 4.00<br>102 x 102  | 2.50 x 2.50<br>64 x 64   |
| F66LRE44       | None                 | 0                    | 6.00 x 6.00<br>152 x 152  | 4.00 x 4.00<br>102 x 102 |
| F88LRE66       | None                 | 0                    | 8.00 x 8.00<br>203 x 203  | 6.00 x 6.00<br>152 x 152 |
| F126LRE66      | None                 | 0                    | 12.00 x 6.00<br>305 x 152 | 6.00 x 6.00<br>152 x 152 |
| F126LRE44      | None                 | 0                    | 12.00 x 6.00<br>305 x 152 | 4.00 x 4.00<br>102 x 102 |

Certified by Canadian Standards Association.



NIPPLE

Available in lengths of 1.00 in. (25 mm), 2.00 in. (51 mm) and 3.00 in. (76 mm).

BULLETIN: F10

| Catalog Number | AxBxC in./mm                         | Sealing Plates, Type <sup>a</sup> | Sealing Plates, Qty. <sup>a</sup> |
|----------------|--------------------------------------|-----------------------------------|-----------------------------------|
| F22LN1         | 2.50 x 2.50 x 1.00<br>64 x 64 x 25   | Special                           | 1                                 |
| F22LN2         | 2.50 x 2.50 x 2.00<br>64 x 64 x 51   | Special                           | 1                                 |
| F22LN3         | 2.50 x 2.50 x 3.00<br>64 x 64 x 76   | Special                           | 1                                 |
| F44LN1         | 4.00 x 4.00 x 1.00<br>102 x 102 x 25 | Special                           | 1                                 |
| F44LN2         | 4.00 x 4.00 x 2.00<br>102 x 102 x 51 | Special                           | 1                                 |
| F44LN3         | 4.00 x 4.00 x 3.00<br>102 x 102 x 76 | Special                           | 1                                 |
| F66LN1         | 6.00 x 6.00 x 1.00<br>152 x 152 x 25 | Special                           | 1                                 |
| F66LN2         | 6.00 x 6.00 x 2.00<br>152 x 152 x 51 | Special                           | 1                                 |
| F66LN3         | 6.00 x 6.00 x 3.00<br>152 x 152 x 76 | Special                           | 1                                 |

<sup>a</sup>Each sealing plate also includes one gasket and one set of screws to join sections.

Certified by Canadian Standards Association.

