



## Z SERIES

KILLARK

## INCREASED SAFETY ALUMINUM CORD CONNECTORS



ZS108-EX

Locknut  
(See page F86)

CSA US AEx (Class I, Zone 1) Ex e II†  
Type 4\*\*

UL LISTED - File E22698

SP Certified - File LR73478  
See files for details or call Killark.

## FEATURES-SPECIFICATIONS

## Applications

Use to secure and seal cords or cables entering enclosures or raceways.

Z Series connectors are also suitable for use in hazardous locations per National Electrical Code Articles 501-4(b), 502-4(a&b), 503-3(a&b), 505-15 (c); Canadian Electrical Code 18-106, 18-122, 18-156, 18-218, 18-252, 18-302 and 18-352; International Electrotechnical Commission (IEC) 60079-7 Increased Safety (Ex e II). Consult these articles for appropriate installation requirements.

## Features

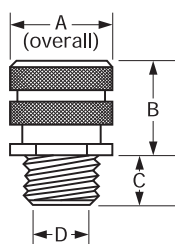
- Aluminum construction resists corrosion
- Neoprene grommet seals out oil and moisture
- Nylon retention ring ensures superior holding power
- Wide range of sizes and configurations

## Material/Finish

- Copper-free aluminum (less than 4/10 of 1%)
- Natural finish

† Listed by CSA for Class I, Zone 1 in Canada. Listed by CSA as a Nationally recognized test lab (NRTL) for Class I, Div. 2, Class I, Zone 2 in the United States.

\*\* Type 4 when installed with a proper gasket.



| Z CORD CONNECTORS – STRAIGHT |          |             |            |            |      |     |       |  |
|------------------------------|----------|-------------|------------|------------|------|-----|-------|--|
| CATALOG NUMBER               | NPT SIZE | CORD RANGES | COLOR CODE | DIMENSIONS |      |     |       |  |
|                              |          |             |            | A          | B    | C   | D     |  |
| ZS001-EX                     | 3/8"     | .062-.125   | Green      | .99        | .425 | .90 | .453  |  |
| ZS002-EX                     | 3/8"     | .125-.187   | Orange     | .99        | .425 | .90 | .453  |  |
| ZS003-EX                     | 3/8"     | .187-.250   | Red        | .99        | .425 | .90 | .453  |  |
| ZS004-EX                     | 3/8"     | .250-.312   | Black      | .99        | .425 | .90 | .453  |  |
| ZS006-EX                     | 3/8"     | .312-.375   | White      | .99        | .425 | .90 | .453  |  |
| ZS007-EX                     | 3/8"     | .375-.437   | Blue       | .99        | .425 | .90 | .453  |  |
| ZS101-EX                     | 1/2"     | .062-.125   | Green      | 1.13       | 1.10 | .55 | .635  |  |
| ZS102-EX                     | 1/2"     | .125-.187   | Orange     | 1.13       | 1.10 | .55 | .635  |  |
| ZS103-EX                     | 1/2"     | .187-.250   | Red        | 1.13       | 1.10 | .55 | .635  |  |
| ZS105-EX                     | 1/2"     | .250-.375   | White      | 1.13       | 1.10 | .55 | .635  |  |
| ZS108-EX                     | 1/2"     | .375-.500   | Blue       | 1.13       | 1.10 | .55 | .635  |  |
| ZS109-EX                     | 1/2"     | .500-.625   | Brown      | 1.13       | 1.10 | .55 | .635  |  |
| ZS110-EX*                    | 1/2"     | .625-.750   | Yellow     | 1.40       | 1.50 | .55 | .635  |  |
| ZS111-EX*                    | 1/2"     | .750-.875   | Purple     | 1.40       | 1.50 | .55 | .635  |  |
| ZS201-EX                     | 3/4"     | .062-.125   | Green      | 1.29       | 1.10 | .55 | .635  |  |
| ZS202-EX                     | 3/4"     | .125-.187   | Orange     | 1.29       | 1.10 | .55 | .635  |  |
| ZS203-EX                     | 3/4"     | .187-.250   | Red        | 1.29       | 1.10 | .55 | .635  |  |
| ZS205-EX                     | 3/4"     | .250-.375   | White      | 1.29       | 1.10 | .55 | .635  |  |
| ZS208-EX                     | 3/4"     | .375-.500   | Blue       | 1.29       | 1.10 | .55 | .635  |  |
| ZS209-EX                     | 3/4"     | .500-.625   | Brown      | 1.29       | 1.10 | .55 | .635  |  |
| ZS210-EX                     | 3/4"     | .625-.750   | Yellow     | 1.40       | 1.50 | .55 | .815  |  |
| ZS211-EX*                    | 3/4"     | .750-.875   | Purple     | 1.40       | 1.50 | .55 | .815  |  |
| ZS308-EX                     | 1"       | .375-.500   | Blue       | 1.81       | 1.60 | .71 | 1.015 |  |
| ZS309-EX                     | 1"       | .500-.625   | Brown      | 1.81       | 1.60 | .71 | 1.015 |  |
| ZS310-EX                     | 1"       | .625-.750   | Yellow     | 1.81       | 1.60 | .71 | 1.015 |  |
| ZS311-EX                     | 1"       | .750-.875   | Purple     | 1.81       | 1.60 | .71 | 1.015 |  |
| ZS312-EX                     | 1"       | .875-1.000  | Gray       | 1.81       | 1.60 | .71 | 1.015 |  |
| ZS313-EX*                    | 1"       | 1.000-1.125 | Pink       | 2.31       | 1.70 | .66 | 1.015 |  |
| ZS314-EX*                    | 1"       | 1.125-1.250 | —          | 2.31       | 1.70 | .66 | 1.015 |  |
| ZS315-EX*                    | 1"       | 1.250-1.375 | —          | 2.31       | 1.70 | .66 | 1.015 |  |
| ZS411-EX                     | 1-1/4"   | .750-.875   | —          | 2.31       | 1.70 | .74 | 1.255 |  |
| ZS412-EX                     | 1-1/4"   | .875-1.000  | —          | 2.31       | 1.70 | .74 | 1.255 |  |
| ZS413-EX                     | 1-1/4"   | 1.000-1.125 | —          | 2.31       | 1.70 | .74 | 1.255 |  |
| ZS414-EX                     | 1-1/4"   | 1.125-1.250 | —          | 2.31       | 1.70 | .74 | 1.255 |  |
| ZS415-EX*                    | 1-1/4"   | 1.250-1.375 | —          | 2.31       | 1.70 | .74 | 1.255 |  |

\* Cable jacket may have to be stripped to pass through connector body on all sizes.

| Z CORD CONNECTORS — STRAIGHT |          |             |            |      |      |      |  |  |
|------------------------------|----------|-------------|------------|------|------|------|--|--|
| CATALOG NUMBER               | NPT SIZE | CORD RANGES | DIMENSIONS |      |      |      |  |  |
|                              |          |             | A          | B    | C    | D    |  |  |
| ZS511-EX                     | 1-1/2"   | .750-.875   | 2.31       | 1.70 | .75  | 1.38 |  |  |
| ZS512-EX                     | 1-1/2"   | .875-1.000  | 2.31       | 1.70 | .75  | 1.38 |  |  |
| ZS513-EX                     | 1-1/2"   | 1.000-1.125 | 2.31       | 1.70 | .75  | 1.38 |  |  |
| ZS514-EX                     | 1-1/2"   | 1.125-1.250 | 2.31       | 1.70 | .75  | 1.38 |  |  |
| ZS515-EX                     | 1-1/2"   | 1.250-1.375 | 2.31       | 1.70 | .75  | 1.38 |  |  |
| ZS516-EX                     | 1-1/2"   | 1.375-1.500 | 3.00       | 2.20 | .75  | 1.50 |  |  |
| ZS517-EX*                    | 1-1/2"   | 1.500-1.625 | 3.00       | 2.20 | .75  | 1.50 |  |  |
| ZS518-EX*                    | 1-1/2"   | 1.625-1.750 | 3.00       | 2.20 | .75  | 1.50 |  |  |
| ZS520-EX*                    | 1-1/2"   | 1.750-1.875 | 3.00       | 2.20 | .75  | 1.50 |  |  |
| ZS615-EX                     | 2"       | 1.250-1.375 | 3.25       | 2.20 | .80  | 1.92 |  |  |
| ZS616-EX                     | 2"       | 1.375-1.500 | 3.25       | 2.20 | .80  | 1.92 |  |  |
| ZS617-EX                     | 2"       | 1.500-1.625 | 3.25       | 2.20 | .80  | 1.92 |  |  |
| ZS618-EX                     | 2"       | 1.625-1.750 | 3.25       | 2.20 | .80  | 1.92 |  |  |
| ZS620-EX                     | 2"       | 1.750-1.875 | 3.25       | 2.20 | .80  | 1.92 |  |  |
| ZS619-EX                     | 2"       | 1.688-1.812 | 4.06       | 2.70 | 1.27 | 1.94 |  |  |
| ZS621-EX                     | 2"       | 1.812-1.937 | 4.06       | 2.70 | 1.27 | 1.94 |  |  |
| ZS622-EX*                    | 2"       | 1.937-2.062 | 4.06       | 2.70 | 1.27 | 1.94 |  |  |
| ZS623-EX*                    | 2"       | 2.062-2.188 | 4.06       | 2.70 | 1.27 | 1.94 |  |  |
| ZS624-EX*                    | 2"       | 2.188-2.312 | 4.06       | 2.70 | 1.27 | 1.94 |  |  |
| ZS719-EX                     | 2-1/2"   | 1.688-1.812 | 4.33       | 2.70 | 1.27 | 2.34 |  |  |
| ZS721-EX                     | 2-1/2"   | 1.812-1.937 | 4.33       | 2.70 | 1.27 | 2.34 |  |  |
| ZS722-EX                     | 2-1/2"   | 1.937-2.062 | 4.33       | 2.70 | 1.27 | 2.34 |  |  |
| ZS723-EX                     | 2-1/2"   | 2.062-2.188 | 4.33       | 2.70 | 1.27 | 2.34 |  |  |
| ZS724-EX                     | 2-1/2"   | 2.188-2.312 | 4.33       | 2.70 | 1.27 | 2.34 |  |  |
| ZS725-EX*                    | 2-1/2"   | 2.312-2.437 | 4.33       | 2.70 | 1.27 | 2.34 |  |  |
| ZS819-EX                     | 3"       | 1.688-1.812 | 4.33       | 2.70 | 1.30 | 2.54 |  |  |
| ZS822-EX                     | 3"       | 1.937-2.062 | 4.33       | 2.70 | 1.30 | 2.54 |  |  |
| ZS823-EX                     | 3"       | 2.062-2.188 | 4.33       | 2.70 | 1.30 | 2.54 |  |  |
| ZS824-EX                     | 3"       | 2.188-2.312 | 4.33       | 2.70 | 1.30 | 2.54 |  |  |
| ZS825-EX                     | 3"       | 2.312-2.437 | 4.33       | 2.70 | 1.30 | 2.54 |  |  |
| ZS826-EX                     | 3"       | 2.437-2.625 | 4.87       | 2.70 | 1.38 | 3.00 |  |  |
| ZS827-EX                     | 3"       | 2.625-2.812 | 4.87       | 2.70 | 1.38 | 3.00 |  |  |
| ZS828-EX                     | 3"       | 2.812-3.000 | 4.87       | 2.70 | 1.38 | 3.00 |  |  |
| ZS829-EX*                    | 3"       | 3.000-3.250 | 4.87       | 2.70 | 1.38 | 3.00 |  |  |



## INCREASED SAFETY ALUMINUM CORD CONNECTORS



ZN310-EX



Locknut

CSA US **AEx (Class I, Zone 1) Ex e II†**  
Type 4\*\*

UL LISTED - File E22698

SP Certified - File LR73478  
See files for details or call Killark.

## FEATURES-SPECIFICATIONS

## Applications

Use to secure and seal cords or cables entering enclosures or raceways.

Z Series connectors are also suitable for use in hazardous locations per National Electrical Code Articles 501-4(b), 502-4(a&b), 503-3(a&b), 505-15 (c); Canadian Electrical Code 18-106, 18-122, 18-156, 18-218, 18-252, 18-302 and 18-352; International Electrotechnical Commission (IEC) 60079-7 Increased Safety (Ex e II). Consult these articles for appropriate installation requirements.

## Features

- Aluminum construction resists corrosion
- Neoprene grommet seals out oil and moisture
- Nylon retention ring ensures superior holding power
- Wide range of sizes and configurations

## Material/Finish

- Copper-free aluminum (less than 4/10 of 1%)
- Natural finish

| Z CORD CONNECTORS – 90° |          |             |            |            |      |      |      |
|-------------------------|----------|-------------|------------|------------|------|------|------|
| CATALOG NUMBER          | NPT SIZE | CORD RANGES | COLOR CODE | DIMENSIONS |      |      |      |
|                         |          |             |            | A          | B    | C    | D    |
| ZN102-EX                | 1/2"     | .125-.187   | Orange     | 1.56       | 2.30 | .50  | .546 |
| ZN103-EX                | 1/2"     | .187-.250   | Red        | 1.56       | 2.30 | .50  | .546 |
| ZN105-EX                | 1/2"     | .250-.375   | White      | 1.56       | 2.30 | .50  | .546 |
| ZN108-EX                | 1/2"     | .375-.500   | Blue       | 1.56       | 2.30 | .50  | .546 |
| ZN109-EX*               | 1/2"     | .500-.625   | Brown      | 1.56       | 2.30 | .50  | .546 |
| ZN208-EX                | 3/4"     | .375-.500   | Blue       | 1.79       | 2.80 | .562 | .765 |
| ZN209-EX                | 3/4"     | .500-.625   | Brown      | 1.79       | 2.80 | .562 | .765 |
| ZN210-EX*               | 3/4"     | .625-.750   | Yellow     | 1.79       | 2.80 | .562 | .765 |
| ZN211-EX*               | 3/4"     | .750-.875   | Purple     | 1.79       | 2.80 | .562 | .765 |
| ZN309-EX                | 1"       | .500-.625   | Brown      | 2.08       | 3.20 | .703 | 1.00 |
| ZN310-EX                | 1"       | .625-.750   | Yellow     | 2.08       | 3.20 | .703 | 1.00 |
| ZN311-EX                | 1"       | .750-.875   | Purple     | 2.08       | 3.20 | .703 | 1.00 |
| ZN312-EX*               | 1"       | .875-1.000  | Gray       | 2.08       | 3.20 | .703 | 1.00 |
| ZN313-EX*               | 1"       | 1.000-1.125 | Pink       | 2.08       | 3.20 | .703 | 1.00 |
| ZN412-EX                | 1-1/4"   | .875-1.000  | —          | 3.18       | 4.30 | .73  | 1.26 |
| ZN413-EX                | 1-1/4"   | 1.000-1.125 | —          | 3.18       | 4.30 | .73  | 1.26 |
| ZN414-EX*               | 1-1/4"   | 1.125-1.250 | —          | 3.18       | 4.30 | .73  | 1.26 |
| ZN415-EX*               | 1-1/4"   | 1.250-1.375 | —          | 3.18       | 4.30 | .73  | 1.26 |
| ZN513-EX                | 1-1/2"   | 1.000-1.125 | —          | 3.18       | 4.30 | .75  | 1.50 |
| ZN515-EX                | 1-1/2"   | 1.250-1.375 | —          | 3.18       | 4.30 | .75  | 1.50 |
| ZN616-EX                | 2"       | 1.375-1.500 | —          | 3.50       | 5.50 | .80  | 1.92 |

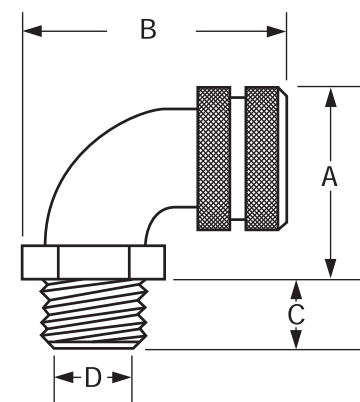
\* Cable jacket may have to be stripped to pass through connector body.

## OPTIONAL LOCKNUTS AND SEALING WASHERS

| CATALOG NUMBER              |                              | NPT SIZES |
|-----------------------------|------------------------------|-----------|
| STEEL LOCKNUTS <sup>①</sup> | SEALING WASHERS <sup>②</sup> |           |
| KILLN375                    | —                            | 3/8"      |
| KILLN1                      | KOR-1                        | 1/2"      |
| KILLN2                      | KOR-2                        | 3/4"      |
| KILLN3                      | KOR-3                        | 1"        |
| KILLN4                      | KOR-4                        | 1-1/4"    |
| KILLN5                      | KOR-5                        | 1-1/2"    |
| KILLN6                      | KOR-6                        | 2"        |
| KILLN7                      | —                            | 2-1/2"    |
| KILLN8                      | —                            | 3"        |

① 2-1/2" through 3" are malleable, with hexhead flats.

② Neoprene washers are mounted on steel reinforcing bands.



† Listed by CSA for Class I, Zone 1 in Canada. Listed by CSA as a Nationally recognized test lab (NRTL) for Class I, Div. 2, Class I, Zone 2 in the United States.

\*\* Type 4 when installed with a proper gasket.



# Z SERIES

# KILLARK

## INCREASED SAFETY ALUMINUM CORD CONNECTOR WITH MESH GRIP



**SP** US **AEx (Class I, Zone 1) Ex e II†**  
Type 4\*\*

**UL** LISTED - File E22698

**SP** Certified - File LR73478  
See files for details or call Killark.

### FEATURES-SPECIFICATIONS

#### Applications

Z Series cord connector grips combine aluminum cord connectors with stainless steel mesh grips to provide superior cord pull-out prevention in indoor and outdoor applications. These grips provide enclosure terminations where cords are subjected to moisture or splashing water.

They are also suitable for use in hazardous locations per National Electrical Code (Articles 501-4(b), 502-4(a&b), 503-3(a&b), 505-15 (c); Canadian Electrical Code 18-106, 18-122, 18-156, 18-218, 18-252, 18-302 and 18-352; International Electrotechnical Commission (IEC) 60079-7 Increased Safety (Ex e II). Consult these articles for appropriate installation requirements.

#### Features

- Aluminum fittings are strong, durable and corrosion resistant
- Internal grommet provides liquidtight seal
- Stainless steel mesh grips resist corrosion, prevent cord pull-out and control arc-of-bend

#### Material/Finish

- Copper-free aluminum (less than 4/10 of 1%)
- Natural finish
- Stainless steel mesh grip

† Listed by CSA for Class I, Zone 1 in Canada. Listed by CSA as a Nationally recognized test lab (NRTL) for Class I, Div. 2, Class I, Zone 2 in the United States.

\*\* Type 4 when installed with a proper gasket.

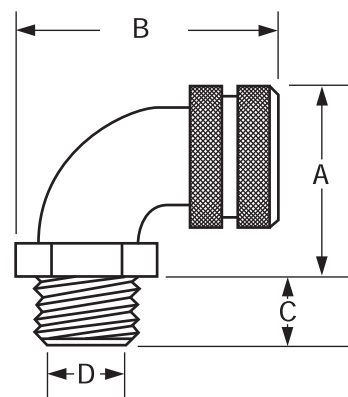
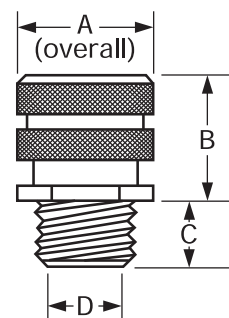
| Z CORD CONNECTORS – STRAIGHT |          |             |            |            |      |      |       |
|------------------------------|----------|-------------|------------|------------|------|------|-------|
| CATALOG NUMBER               | NPT SIZE | CORD RANGES | COLOR CODE | DIMENSIONS |      |      |       |
|                              |          |             |            | A          | B    | C    | D     |
| ZS004-EX-MG                  | 3/8"     | .250-.312   | Black      | .99        | .90  | .425 | .453  |
| ZS006-EX-MG                  | 3/8"     | .312-.375   | White      | .99        | .90  | .425 | .453  |
| ZS007-EX-MG                  | 3/8"     | .375-.437   | Blue       | .99        | .90  | .425 | .453  |
| ZS103-EX-MG                  | 1/2"     | .187-.250   | Red        | 1.13       | 1.10 | .55  | .635  |
| ZS105-EX-MG                  | 1/2"     | .250-.375   | White      | 1.13       | 1.10 | .55  | .635  |
| ZS108-EX-MG                  | 1/2"     | .375-.500   | Blue       | 1.13       | 1.10 | .55  | .635  |
| ZS109-EX-MG                  | 1/2"     | .500-.625   | Brown      | 1.13       | 1.10 | .55  | .635  |
| ZS110-EX-MG*                 | 1/2"     | .625-.750   | Yellow     | 1.40       | 1.50 | .55  | .635  |
| ZS111-EX-MG*                 | 1/2"     | .750-.875   | Purple     | 1.40       | 1.50 | .55  | .635  |
| ZS203-EX-MG                  | 3/4"     | .187-.250   | Red        | 1.29       | 1.10 | .55  | .635  |
| ZS205-EX-MG                  | 3/4"     | .250-.375   | White      | 1.29       | 1.10 | .55  | .635  |
| ZS208-EX-MG                  | 3/4"     | .375-.500   | Blue       | 1.29       | 1.10 | .55  | .635  |
| ZS209-EX-MG                  | 3/4"     | .500-.625   | Brown      | 1.29       | 1.10 | .55  | .635  |
| ZS210-EX-MG                  | 3/4"     | .625-.750   | Yellow     | 1.40       | 1.50 | .55  | .815  |
| ZS211-EX-MG*                 | 3/4"     | .750-.875   | Purple     | 1.40       | 1.50 | .55  | .815  |
| ZS308-EX-MG                  | 1"       | .375-.500   | Blue       | 1.81       | 1.60 | .71  | 1.015 |
| ZS309-EX-MG                  | 1"       | .500-.625   | Brown      | 1.81       | 1.60 | .71  | 1.015 |
| ZS310-EX-MG                  | 1"       | .625-.750   | Yellow     | 1.81       | 1.60 | .71  | 1.015 |
| ZS311-EX-MG                  | 1"       | .750-.875   | Purple     | 1.81       | 1.60 | .71  | 1.015 |
| ZS312-EX-MG*                 | 1"       | .875-1.00   | Gray       | 1.81       | 1.60 | .71  | 1.015 |
| ZS313-EX-MG*                 | 1"       | 1.00-1.125  | Pink       | 2.31       | 1.70 | .66  | 1.015 |

| Z CORD CONNECTORS – 90° |          |             |            |            |      |      |      |
|-------------------------|----------|-------------|------------|------------|------|------|------|
| CATALOG NUMBER          | NPT SIZE | CORD RANGES | COLOR CODE | DIMENSIONS |      |      |      |
|                         |          |             |            | A          | B    | C    | D    |
| ZN103-EX-MG             | 1/2"     | .187-.250   | Red        | 1.56       | 2.30 | .50  | .546 |
| ZN105-EX-MG             | 1/2"     | .250-.375   | White      | 1.56       | 2.30 | .50  | .546 |
| ZN108-EX-MG             | 1/2"     | .375-.500   | Blue       | 1.56       | 2.30 | .50  | .546 |
| ZN109-EX-MG*            | 1/2"     | .500-.625   | Brown      | 1.56       | 2.30 | .50  | .546 |
| ZN208-EX-MG             | 3/4"     | .375-.500   | Blue       | 1.79       | 2.80 | .562 | .765 |
| ZN209-EX-MG             | 3/4"     | .500-.625   | Brown      | 1.79       | 2.80 | .562 | .765 |
| ZN210-EX-MG*            | 3/4"     | .625-.750   | Yellow     | 1.79       | 2.80 | .562 | .765 |
| ZN211-EX-MG*            | 3/4"     | .750-.875   | Purple     | 1.79       | 2.80 | .562 | .765 |

| OPTIONAL LOCKNUTS AND SEALING WASHERS |                  |           |
|---------------------------------------|------------------|-----------|
| CATALOG NUMBER                        |                  | NPT SIZES |
| STEEL LOCKNUTS①                       | SEALING WASHERS② |           |
| KILLN375                              | —                | 3/8"      |
| KILLN1                                | KOR-1            | 1/2"      |
| KILLN2                                | KOR-2            | 3/4"      |
| KILLN3                                | KOR-3            | 1"        |
| KILLN4                                | KOR-4            | 1-1/4"    |
| KILLN5                                | KOR-5            | 1-1/2"    |
| KILLN6                                | KOR-6            | 2"        |
| KILLN7                                | —                | 2-1/2"    |
| KILLN8                                | —                | 3"        |

① 2-1/2" through 3" are malleable, with hexhead flats.

② Neoprene washers are mounted on steel reinforcing bands.





# FITTINGS

## INCREASED SAFETY CORROSION RESISTANT NYLON CORD CONNECTORS



ZS210CR-EX



ZN210CR-EX

CSA US **AEx (Class I, Zone 1) Ex e II†**  
Type 4\*\*

UL LISTED - File E22698

SP Certified - File LR73478  
See files for details or call Killark.

### FEATURES-SPECIFICATIONS

#### Applications

Durable nylon construction makes these connectors perfectly suited to corrosive environments.

Typical applications for nylon cord connectors include food processing facilities, chemical and sewage treatment plants and off-shore and dockside installations.

#### Features

- Nylon retention ring for increased holding power
- Neoprene bushing seals against moisture
- Nylon connectors obtain approximately the same cord retention values with hand tightening that can be produced only by wrench tightening of metal cord connectors

#### Material

- Nylon

### Z NYLON CORD CONNECTORS – STRAIGHT

| CATALOG NUMBER* | NPT SIZE | CORD RANGES | COLOR CODE |
|-----------------|----------|-------------|------------|
| ZS002CR-EX      | 3/8"     | .125-.187   | Orange     |
| ZS003CR-EX      | 3/8"     | .187-.250   | Red        |
| ZS004CR-EX      | 3/8"     | .250-.312   | Black      |
| ZS006CR-EX      | 3/8"     | .312-.375   | White      |
| ZS007CR-EX      | 3/8"     | .375-.437   | Blue       |
| ZS101CR-EX      | 1/2"     | .062-.125   | Green      |
| ZS102CR-EX      | 1/2"     | .125-.187   | Orange     |
| ZS103CR-EX      | 1/2"     | .187-.250   | Red        |
| ZS105CR-EX      | 1/2"     | .250-.375   | White      |
| ZS108CR-EX      | 1/2"     | .375-.500   | Blue       |
| ZS109CR-EX      | 1/2"     | .500-.625   | Brown      |
| ZS208CR-EX      | 3/4"     | .375-.500   | Blue       |
| ZS209CR-EX      | 3/4"     | .500-.625   | Brown      |
| ZS210CR-EX      | 3/4"     | .625-.750   | Yellow     |
| ZS211CR-EX*     | 3/4"     | .750-.875   | Purple     |
| ZS308CR-EX      | 1"       | .375-.500   | Blue       |
| ZS309CR-EX      | 1"       | .500-.625   | Brown      |
| ZS310CR-EX      | 1"       | .625-.750   | Yellow     |
| ZS311CR-EX      | 1"       | .750-.875   | Purple     |
| ZS312CR-EX      | 1"       | .875-1.000  | Gray       |
| ZS313CR-EX*     | 1"       | 1.000-1.125 | Pink       |

\* Cable Jacket may have to be stripped to pass through connector body.

### Z NYLON CORD CONNECTORS – 90°

| CATALOG NUMBER* | NPT SIZE | CORD RANGES | COLOR CODE |
|-----------------|----------|-------------|------------|
| ZN102CR-EX      | 1/2"     | .125-.187   | Orange     |
| ZN103CR-EX      | 1/2"     | .187-.250   | Red        |
| ZN105CR-EX      | 1/2"     | .250-.375   | White      |
| ZN108CR-EX      | 1/2"     | .375-.500   | Blue       |
| ZN109CR-EX      | 1/2"     | .500-.625   | Brown      |
| ZN208CR-EX      | 3/4"     | .375-.500   | Blue       |
| ZN209CR-EX      | 3/4"     | .500-.625   | Brown      |
| ZN210CR-EX*     | 3/4"     | .625-.750   | Yellow     |
| ZN211CR-EX*     | 3/4"     | .750-.875   | Purple     |
| ZN310CR-EX      | 1"       | .625-.750   | Yellow     |
| ZN311CR-EX      | 1"       | .750-.875   | Purple     |
| ZN312CR-EX*     | 1"       | .875-1.000  | Gray       |

### OPTIONAL LOCKNUTS

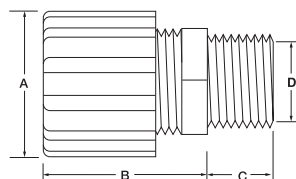
| CATALOG NUMBER | NPT SIZE |
|----------------|----------|
| LN-375CR       | 3/8"     |
| LN-1CR         | 1/2"     |
| LN-2CR         | 3/4"     |
| LN-3CR         | 1"       |

† Listed by CSA for Class I, Zone 1 in Canada. Listed by CSA as a Nationally recognized test lab (NRTL) for Class I, Div. 2, Class I, Zone 2 in the United States.

\*\* Type 4 when installed with a proper gasket.

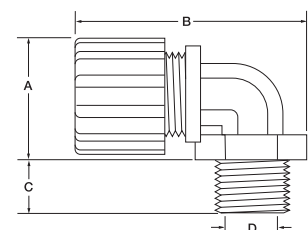
### Z STRAIGHT DIMENSIONS

| NPT SIZE | DIMENSIONS |         |        |         |
|----------|------------|---------|--------|---------|
|          | A          | B       | C      | D       |
| 3/8"     | 63/64"     | 1-3/32" | 7/16"  | 7/16"   |
| 1/2"     | 1-1/4"     | 1-1/2"  | 17/32" | 37/64"  |
| 3/4"     | 1-31/64"   | 1-5/8"  | 35/64" | 49/64"  |
| 1"       | 1-27/32"   | 1-3/4"  | 11/16" | 1-1/16" |



### Z 90° DIMENSIONS

| NPT SIZE | DIMENSIONS |          |        |         |
|----------|------------|----------|--------|---------|
|          | A          | B        | C      | D       |
| 1/2"     | 1-13/32"   | 2-1/2"   | 17/32" | 1-1/2"  |
| 3/4"     | 1-21/32"   | 2-51/64" | 35/64" | 49/64"  |
| 1"       | 1-63/64"   | 3-19/64" | 11/16" | 1-1/64" |



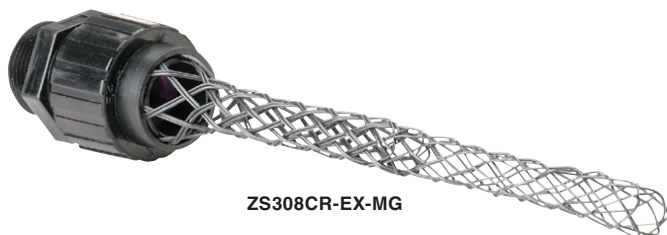




## Z SERIES

# KILLARK

### INCREASED SAFETY CORROSION RESISTANT NYLON CORD CONNECTORS



ZS308CR-EX-MG

**AEx (Class I, Zone 1) Ex e II†**  
Type 4\*\*

- File E22698

Certified - File LR73478  
See files for details or call Killark.

### FEATURES-SPECIFICATIONS

#### Applications

Durable nylon construction makes these connectors perfectly suited to corrosive environments.

Typical applications for nylon cord connectors include food processing facilities, chemical and sewage treatment plants and off-shore and dockside installations.

#### Features

- Nylon retention ring for increased holding power
- Neoprene bushing seals against moisture
- Nylon connectors obtain approximately the same cord retention values with hand tightening that can be produced only by wrench tightening of metal cord connectors

#### Material

- Nylon
- Kevlar mesh grip

#### Z NYLON CORD CONNECTORS – STRAIGHT

| CATALOG NUMBER* | NPT SIZE | CORD RANGES | COLOR CODE |
|-----------------|----------|-------------|------------|
| ZS003CR-EX-MG   | 3/8"     | .187-.250   | Red        |
| ZS004CR-EX-MG   | 3/8"     | .250-.312   | Black      |
| ZS006CR-EX-MG   | 3/8"     | .312-.375   | White      |
| ZS103CR-EX-MG   | 1/2"     | .187-.250   | Red        |
| ZS105CR-EX-MG   | 1/2"     | .250-.375   | White      |
| ZS108CR-EX-MG   | 1/2"     | .375-.500   | Blue       |
| ZS208CR-EX-MG   | 3/4"     | .375-.500   | Blue       |
| ZS209CR-EX-MG   | 3/4"     | .500-.625   | Brown      |
| ZS210CR-EX-MG   | 3/4"     | .625-.750   | Yellow     |
| ZS309CR-EX-MG   | 1"       | .500-.625   | Brown      |
| ZS310CR-EX-MG   | 1"       | .625-.750   | Yellow     |
| ZS311CR-EX-MG   | 1"       | .750-.875   | Purple     |
| ZS312CR-EX-MG   | 1"       | .875-1.000  | Gray       |

#### Z STRAIGHT DIMENSIONS

| NPT SIZE | DIMENSIONS |         |        |         |
|----------|------------|---------|--------|---------|
|          | A          | B       | C      | D       |
| 3/8"     | 63/64"     | 1-3/32" | 7/16"  | 7/16"   |
| 1/2"     | 1-1/4"     | 1-1/2"  | 17/32" | 37/64"  |
| 3/4"     | 1-31/64"   | 1-5/8"  | 35/64" | 49/64"  |
| 1"       | 1-27/32"   | 1-3/4"  | 11/16" | 1-1/16" |

#### Z NYLON CORD CONNECTORS – 90°

| CATALOG NUMBER* | NPT SIZE | CORD RANGES | COLOR CODE |
|-----------------|----------|-------------|------------|
| ZN105CR-EX-MG   | 1/2"     | .250-.375   | White      |
| ZN108CR-EX-MG   | 1/2"     | .375-.500   | Blue       |
| ZN208CR-EX-MG   | 3/4"     | .375-.500   | Blue       |
| ZN209CR-EX-MG   | 3/4"     | .500-.625   | Brown      |
| ZN210CR-EX-MG   | 3/4"     | .625-.750   | Yellow     |
| ZN310CR-EX-MG   | 1"       | .625-.750   | Yellow     |
| ZN311CR-EX-MG   | 1"       | .750-.875   | Purple     |

#### OPTIONAL LOCKNUTS

| CATALOG NUMBER | NPT SIZE |
|----------------|----------|
| LN-375CR       | 3/8"     |
| LN-1CR         | 1/2"     |
| LN-2CR         | 3/4"     |
| LN-3CR         | 1"       |

#### Z 90° DIMENSIONS

| NPT SIZE | DIMENSIONS |          |        |         |
|----------|------------|----------|--------|---------|
|          | A          | B        | C      | D       |
| 1/2"     | 1-13/32"   | 2-1/2"   | 17/32" | 1-1/2"  |
| 3/4"     | 1-21/32"   | 2-51/64" | 35/64" | 49/64"  |
| 1"       | 1-63/64"   | 3-19/64" | 11/16" | 1-1/64" |

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\*\* Type 4 when installed with a proper gasket.

