

Explosion proof Flexible Coupling EFC Series

❖ Application

Flexible Couplings used ;

- Hazardous locations due to the presence of flammable gases or vapors, water and moisture.
- Petroleum refineries, chemical and petrochemical plant with indoor and outdoor processes.

❖ Features

Cover openings on an angle, permitting conductors to be pulled straight through either hub.

- Taper tapped hubs and integral bushing for rigid threaded conduit.
- Maximum volume for bends within a compact overall size.
- Domed covers to permit easy conductor bends.
- Screw on cover for ease of installation and remove.

❖ Certification

- Ex d IIC / Ex tD A21 IP66
- INERIS 10ATEX9003U

❖ Standard Materials

- Flexible Tube : Stainless Steel
- End Fitting : Brass

❖ Standard Finish

- Zinc Electro Plated Chromate Finish
- If you want another color, contact us please

❖ Option

- Thread : PF, NPT, ISO Metric
- Length : Max. 1000mm



❖ Ordering Information

| EFC | * | ** | * | * | / | * |
|-----|---|----|---|---|---|---|
| ① | ② | ③ | ④ | ⑤ | ⑥ | |

① EFC Flexible Coupling

② End Fitting Type

| Symbol | 1st End Fitt | 2nd End Fitt |
|--------|------------------|------------------|
| X | Fixed Male | Fixed Male |
| Y | Fixed Female | Fixed Male |
| Z | Fixed Female | Fixed Female |
| A | Revolving Male | Fixed Male |
| B | Revolving Female | Fixed Male |
| C | Revolving Male | Fixed Female |
| D | Revolving Female | Fixed Female |
| E | Revolving Male | Revolving Male |
| F | Revolving Female | Revolving Male |
| G | Revolving Female | Revolving Female |

③ Length

| Symbol | Length | Conduit Size (⑤) |
|--------|--------|--|
| 30 | 300mm | 0 ~ 2 ($\frac{1}{2}$ " ~ 1") |
| 40 | 400mm | 0 ~ 3 ($\frac{1}{2}$ " ~ 1 $\frac{1}{4}$ ") |
| 50 | 500mm | 0 ~ 5 ($\frac{1}{2}$ " ~ 2") |
| 60 | 600mm | 0 ~ 9 ($\frac{1}{2}$ " ~ 4") |
| 70 | 700mm | 0 ~ 9 ($\frac{1}{2}$ " ~ 4") |
| 80 | 800mm | 0 ~ 9 ($\frac{1}{2}$ " ~ 4") |
| 90 | 900mm | 0 ~ 9 ($\frac{1}{2}$ " ~ 4") |
| 100 | 1000mm | 0 ~ 9 ($\frac{1}{2}$ " ~ 4") |

④ Conduit Thread

| | |
|---|--------|
| M | Metric |
| N | NPT |
| P | PF |

⑥ Material

| | |
|---|-----------------|
| S | Stainless Steel |
| B | Brass |

⑤ Conduit Size

| Symbol | NPT / PF | Metric |
|--------|-------------------|--------|
| 0 | $\frac{1}{2}$ " | M20 |
| 1 | $\frac{3}{4}$ " | M25 |
| 2 | 1" | M32 |
| 3 | 1 $\frac{1}{4}$ " | M40 |
| 4 | 1 $\frac{1}{2}$ " | M50 |
| 5 | 2" | M63 |
| 6 | 2 $\frac{1}{2}$ " | M75 |
| 7 | 3" | M90 |
| 8 | 3 $\frac{1}{2}$ " | — |
| 9 | 4" | — |