

I-Flex Flexible Liquid-Tight PVC Tubing



Overview

This leak-proof, flexible tubing provides electrical wire protection during routing applications. I-Flex can be used in extremely tight quarters, thanks to its flexibility. It is just right for basic applications where fast installation and maximum flexibility are a must, and is the solution in areas where movement, vibration, or flexing can be a problem. This tubing provides excellent tensile strength and the smooth interior wall protects wiring. All models are available in light gray or black.

Applications

- Where oil resistance is required, or where water corrosion or ultraviolet light is a problem
- Protection of fiber optic cable
- Installing instrumentation or control cable
- Wire harness protection
- Packaging equipment
- Marine applications

Features

- UL recognized File E311916
- CE certified
- IP 65-rated for watertight applications
- Operating temperature: -4°F to 140°F (-20° to 60°C)



| IBOCO Gray I-Flex Tubing | | | | | | | Use With This Straight Connector | | Use With This 90° Connector | |
|--------------------------|-------|---------------------|--------------------|---------------------------|------------------|---------------------------|----------------------------------|-------|-----------------------------|-------|
| Part Number | Price | Trade Size in. (mm) | Actual ID in. (mm) | Min. Bend Radius in. (mm) | Weight lbs/98 ft | Coil Length feet (meters) | Part Number | Price | Part Number | Price |
| GUA-12G | <--> | 3/8 (12) | 0.47 (11.94) | 0.49 (12.45) | 6.1 | 98' (30 m) | RA-12G | <--> | CUR-12G | <--> |
| GUA-16G | <--> | 1/2 (16) | 0.63 (16.00) | 0.63 (16.00) | 7.1 | 98' (30 m) | RA-16G | <--> | CUR-16G | <--> |
| GUA-20G | <--> | 3/4 (21) | 0.79 (20.07) | 0.83 (21.08) | 9.6 | 98' (30 m) | RA-20G | <--> | CUR-20G | <--> |
| GUA-25G | <--> | 1 (27) | 0.98 (24.89) | 1.10 (27.94) | 13.4 | 98' (30 m) | RA-25G | <--> | CUR-25G | <--> |
| GUA-32G | <--> | 1.25 (35) | 1.25 (31.75) | 1.40 (35.56) | 17.7 | 98' (30 m) | RA-32G | <--> | CUR-32G | <--> |
| GUA-40G | <--> | 1.50 (41) | 1.57 (39.88) | 1.59 (40.39) | 23.6 | 98' (30 m) | RA-40G | <--> | not available | |
| GUA-50G | <--> | 2 (53) | 1.97 (50.04) | 2.04 (51.82) | 31.2 | 98' (30 m) | RA-50G | <--> | not available | |

| IBOCO Black I-Flex Tubing | | | | | | | Use With This Straight Connector | | Use With This 90° Connector | |
|---------------------------|-------|---------------------|--------------------|---------------------------|------------------|---------------------------|----------------------------------|-------|-----------------------------|-------|
| Part Number | Price | Trade Size in. (mm) | Actual ID in. (mm) | Min. Bend Radius in. (mm) | Weight lbs/98 ft | Coil Length feet (meters) | Part Number | Price | Part Number | Price |
| GUA-12K | <--> | 3/8 (12) | 0.47 (11.94) | 0.49 (12.45) | 6.1 | 98' (30 m) | RA-12K | <--> | CUR-12K | <--> |
| GUA-16K | <--> | 1/2 (16) | 0.63 (16.00) | 0.63 (16.00) | 7.1 | 98' (30 m) | RA-16K | <--> | CUR-16K | <--> |
| GUA-20K | <--> | 3/4 (21) | 0.79 (20.07) | 0.83 (21.08) | 9.6 | 98' (30 m) | RA-20K | <--> | CUR-20K | <--> |
| GUA-25K | <--> | 1 (27) | 0.98 (24.89) | 1.10 (27.94) | 13.4 | 98' (30 m) | RA-25K | <--> | CUR-25K | <--> |
| GUA-32K | <--> | 1.25 (35) | 1.25 (31.75) | 1.40 (35.56) | 17.7 | 98' (30 m) | RA-32K | <--> | CUR-32K | <--> |
| GUA-40K | <--> | 1.50 (41) | 1.57 (39.88) | 1.59 (40.39) | 23.6 | 98' (30 m) | RA-40K | <--> | not available | |
| GUA-50K | <--> | 2 (53) | 1.97 (50.04) | 2.04 (51.82) | 31.2 | 98' (30 m) | RA-50K | <--> | not available | |

Straight and Right-Angle Connectors for I-Flex Flexible Liquid-Tight PVC Tubing



Overview

These straight and right angle (90°) liquid-tight non-metallic connectors are made to fit our line of flexible liquid-tight PVC tubing. Used together, they ensure leak-proof integrity on motors, processing equipment, pumps, etc. Available in light gray or black.

Choose these liquid-tight connectors for:

- A liquid-tight environmental seal
- Quick re-entry for cable repair or rerouting

Features

- Suitable for indoor and outdoor applications
- Corrosion resistant
- Resists solvents, grease, oil, alcohol, gasoline, and saltwater
- Adjustable collar
- Constructed of fire-resistant Polypropylene
- Operating temperature: -4°F to 140°F (-20° to 60°C)
- UL recognized File E311916
- CE certified
- IP 65-rated for watertight applications



| IBOCO Gray I-Flex Tubing Straight Connectors | | | | |
|--|-------|------------------------|-----------------------|------------------|
| Part Number | Price | Trade Size inches (mm) | Actual ID inches (mm) | Package Quantity |
| RA-12G | <---> | 3/8 (12) | 0.47 (11.94) | 20 |
| RA-16G | <---> | 1/2 (16) | 0.63 (16.00) | 20 |
| RA-20G | <---> | 3/4 (21) | 0.79 (20.07) | 20 |
| RA-25G | <---> | 1 (27) | 0.98 (24.89) | 10 |
| RA-32G | <---> | 1.25 (35) | 1.25 (31.75) | 10 |
| RA-40G | <---> | 1.50 (41) | 1.57 (39.88) | 5 |
| RA-50G | <---> | 2 (53) | 1.97 (50.04) | 5 |

| IBOCO Gray I-Flex Tubing 90° Connectors | | | | |
|---|-------|------------------------|-----------------------|------------------|
| Part Number | Price | Trade Size inches (mm) | Actual ID inches (mm) | Package Quantity |
| CUR-12G | <---> | 3/8 (12) | 0.47 (11.94) | 25 |
| CUR-16G | <---> | 1/2 (16) | 0.63 (16.00) | 25 |
| CUR-20G | <---> | 3/4 (21) | 0.79 (20.07) | 15 |
| CUR-25G | <---> | 1 (27) | 0.98 (24.89) | 5 |
| CUR-32G | <---> | 1.25 (35) | 1.25 (31.75) | 5 |

| IBOCO Black I-Flex Tubing Straight Connectors | | | | |
|---|-------|------------------------|-----------------------|------------------|
| Part Number | Price | Trade Size inches (mm) | Actual ID inches (mm) | Package Quantity |
| RA-12K | <---> | 3/8 (12) | 0.47 (11.94) | 20 |
| RA-16K | <---> | 1/2 (16) | 0.63 (16.00) | 20 |
| RA-20K | <---> | 3/4 (21) | 0.79 (20.07) | 20 |
| RA-25K | <---> | 1 (27) | 0.98 (24.89) | 10 |
| RA-32K | <---> | 1.25 (35) | 1.25 (31.75) | 10 |
| RA-40K | <---> | 1.50 (41) | 1.57 (39.88) | 5 |
| RA-50K | <---> | 2 (53) | 1.97 (50.04) | 5 |

| IBOCO Black I-Flex Tubing 90° Connectors | | | | |
|--|-------|------------------------|-----------------------|------------------|
| Part Number | Price | Trade Size inches (mm) | Actual ID inches (mm) | Package Quantity |
| CUR-12K | <---> | 3/8 (12) | 0.47 (11.94) | 25 |
| CUR-16K | <---> | 1/2 (16) | 0.63 (16.00) | 25 |
| CUR-20K | <---> | 3/4 (21) | 0.79 (20.07) | 15 |
| CUR-25K | <---> | 1 (27) | 0.98 (24.89) | 5 |
| CUR-32K | <---> | 1.25 (35) | 1.25 (31.75) | 5 |