

# 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	Actual ID mm [in]	Actual OD mm [in]	Min. Bend Rad. mm [in]	Weight lb/98 ft	Coil Length m [ft]	Part Number	Price	Part Number	Price
<b>GSI-12G</b>	<-->	3/8	11.94 [0.47]	16.51 [0.65]	12.45 [0.49]	6.1	30 [98]	<b>RPS-12G</b>	<-->	<b>CUR-12G</b>	<-->
<b>GSI-16G</b>	<-->	1/2	16.00 [0.63]	20.57 [0.81]	16.00 [0.63]	7.1	30 [98]	<b>RPS-16G</b>	<-->	<b>CUR-16G</b>	<-->
<b>GSI-20G</b>	<-->	3/4	20.07 [0.79]	24.64 [0.97]	21.08 [0.83]	9.6	30 [98]	<b>RPS-20G</b>	<-->	<b>CUR-20G</b>	<-->
<b>GSI-25G</b>	<-->	1	24.89 [0.98]	30.48 [1.2]	27.94 [1.10]	13.4	30 [98]	<b>RPS-25G</b>	<-->	<b>CUR-25G</b>	<-->
<b>GSI-32G</b>	<-->	1-¼	31.75 [1.25]	38.10 [1.5]	35.56 [1.40]	17.7	30 [98]	<b>RPS-32G</b>	<-->	<b>CUR-32G</b>	<-->
<b>GSI-40G</b>	<-->	1-½	39.88 [1.57]	46.48 [1.83]	40.39 [1.59]	23.6	30 [98]	<b>RPS-40G</b>	<-->	not available	
<b>GSI-50G</b>	<-->	2	50.04 [1.97]	56.90 [2.24]	51.82 [2.04]	31.2	30 [98]	<b>RPS-50G</b>	<-->	not available	

IBOCO Black I-Flex Tubing								Use With This Straight Connector		Use With This 90° Connector	
Part Number	Price	Trade Size in	Actual ID mm [in]	Actual OD mm [in]	Min. Bend Rad. mm [in]	Weight lbs/98 ft	Coil Length m [ft]	Part Number	Price	Part Number	Price
<b>GSI-12K</b>	<-->	3/8	11.94 [0.47]	16.51 [0.65]	12.45 [0.49]	6.1	30 [98]	<b>RPS-12K</b>	<-->	<b>CUR-12K</b>	<-->
<b>GSI-16K</b>	<-->	1/2	16.00 [0.63]	20.57 [0.81]	16.00 [0.63]	7.1	30 [98]	<b>RPS-16K</b>	<-->	<b>CUR-16K</b>	<-->
<b>GSI-20K</b>	<-->	3/4	20.07 [0.79]	24.64 [0.97]	21.08 [0.83]	9.6	30 [98]	<b>RPS-20K</b>	<-->	<b>CUR-20K</b>	<-->
<b>GSI-25K</b>	<-->	1	24.89 [0.98]	30.48 [1.2]	27.94 [1.10]	13.4	30 [98]	<b>RPS-25K</b>	<-->	<b>CUR-25K</b>	<-->
<b>GSI-32K</b>	<-->	1-¼	31.75 [1.25]	38.10 [1.5]	35.56 [1.40]	17.7	30 [98]	<b>RPS-32K</b>	<-->	<b>CUR-32K</b>	<-->
<b>GSI-40K</b>	<-->	1-½	39.88 [1.57]	46.48 [1.83]	40.39 [1.59]	23.6	30 [98]	<b>RPS-40K</b>	<-->	not available	
<b>GSI-50K</b>	<-->	2	50.04 [1.97]	56.90 [2.24]	51.82 [2.04]	31.2	30 [98]	<b>RPS-50K</b>	<-->	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
- Seal gaskets included with each pack of connectors
  - Material: Polypropylene
  - 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 in	Thread Dimensions		Package Quantity
			Actual ID mm [in]	Actual OD mm [in]	
RPS-12G	<--->	3/8	11.7 [0.46]	16.4 [0.65]	20
RPS-16G	<--->	1/2	15.6 [0.62]	20.7 [0.81]	20
RPS-20G	<--->	3/4	19.6 [0.77]	26.2 [1.03]	20
RPS-25G	<--->	1	24.8 [0.98]	33.0 [1.30]	10
RPS-32G	<--->	1-1/4	31.9 [1.26]	41.5 [1.64]	10
RPS-40G	<--->	1-1/2	39.9 [1.57]	47.5 [1.87]	5
RPS-50G	<--->	2	49.6 [1.95]	59.2 [2.33]	5

IBOCO Gray I-Flex Tubing 90° Connectors					
Part Number	Price	Trade Size in	Thread Dimensions		Package Quantity
			Actual ID mm [in]	Actual OD mm [in]	
CUR-12G	<--->	3/8	11.7 [0.46]	16.4 [0.65]	25
CUR-16G	<--->	1/2	15.6 [0.62]	20.7 [0.81]	25
CUR-20G	<--->	3/4	19.6 [0.77]	26.2 [1.03]	15
CUR-25G	<--->	1	24.8 [0.98]	33.0 [1.30]	5
CUR-32G	<--->	1-1/4	31.9 [1.26]	41.5 [1.64]	5

IBOCO Black I-Flex Tubing Straight Connectors					
Part Number	Price	Trade Size in	Thread Dimensions		Package Quantity
			Actual ID mm [in]	Actual OD mm [in]	
RPS-12K	<--->	3/8	11.7 [0.46]	16.4 [0.65]	20
RPS-16K	<--->	1/2	15.6 [0.62]	20.7 [0.81]	20
RPS-20K	<--->	3/4	19.6 [0.77]	26.2 [1.03]	20
RPS-25K	<--->	1	24.8 [0.98]	33.0 [1.30]	10
RPS-32K	<--->	1-1/4	31.9 [1.26]	41.5 [1.64]	10
RPS-40K	<--->	1-1/2	39.9 [1.57]	47.5 [1.87]	5
RPS-50K	<--->	2	49.6 [1.95]	59.2 [2.33]	5

IBOCO Black I-Flex Tubing 90° Connectors					
Part Number	Price	Trade Size in	Thread Dimensions		Package Quantity
			Actual ID mm [in]	Actual OD mm [in]	
CUR-12K	<--->	3/8	11.7 [0.46]	16.4 [0.65]	25
CUR-16K	<--->	1/2	15.6 [0.62]	20.7 [0.81]	25
CUR-20K	<--->	3/4	19.6 [0.77]	26.2 [1.03]	15
CUR-25K	<--->	1	24.8 [0.98]	33.0 [1.30]	5
CUR-32K	<--->	1-1/4	31.9 [1.26]	41.5 [1.64]	5