

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
- IP65 rated for watertight applications
- Operating temperature: -4 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
GSI-12G	\$38.50	3/8	11.94 [0.47]	16.51 [0.65]	12.45 [0.49]	6.1	30 [98]	RPS-12G	\$28.50	CUR-12G	\$60.00
GSI-16G	\$52.00	1/2	16.00 [0.63]	20.57 [0.81]	16.00 [0.63]	7.1	30 [98]	RPS-16G	\$34.00	CUR-16G	\$71.00
GSI-20G	\$60.00	3/4	20.07 [0.79]	24.64 [0.97]	21.08 [0.83]	9.6	30 [98]	RPS-20G	\$40.00	CUR-20G	\$49.00
GSI-25G	\$107.00	1	24.89 [0.98]	30.48 [1.2]	27.94 [1.10]	13.4	30 [98]	RPS-25G	\$30.50	CUR-25G	\$23.00
GSI-32G	\$148.00	1-¼	31.75 [1.25]	38.10 [1.5]	35.56 [1.40]	17.7	30 [98]	RPS-32G	\$61.00	CUR-32G	\$59.00
GSI-40G	\$187.00	1-½	39.88 [1.57]	46.48 [1.83]	40.39 [1.59]	23.6	30 [98]	RPS-40G	\$45.00	N/A	
GSI-50G	\$242.00	2	50.04 [1.97]	56.90 [2.24]	51.82 [2.04]	31.2	30 [98]	RPS-50G	\$89.00	N/A	

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
GSI-12K	\$38.50	3/8	11.94 [0.47]	16.51 [0.65]	12.45 [0.49]	6.1	30 [98]	RPS-12K	\$28.50	CUR-12K	\$60.00
GSI-16K	\$52.00	1/2	16.00 [0.63]	20.57 [0.81]	16.00 [0.63]	7.1	30 [98]	RPS-16K	\$34.00	CUR-16K	\$71.00
GSI-20K	\$60.00	3/4	20.07 [0.79]	24.64 [0.97]	21.08 [0.83]	9.6	30 [98]	RPS-20K	\$40.00	CUR-20K	\$49.00
GSI-25K	\$107.00	1	24.89 [0.98]	30.48 [1.2]	27.94 [1.10]	13.4	30 [98]	RPS-25K	\$30.50	CUR-25K	\$23.00
GSI-32K	\$148.00	1-¼	31.75 [1.25]	38.10 [1.5]	35.56 [1.40]	17.7	30 [98]	RPS-32K	\$61.00	CUR-32K	\$59.00
GSI-40K	\$187.00	1-½	39.88 [1.57]	46.48 [1.83]	40.39 [1.59]	23.6	30 [98]	RPS-40K	\$45.00	N/A	
GSI-50K	\$242.00	2	50.04 [1.97]	56.90 [2.24]	51.82 [2.04]	31.2	30 [98]	RPS-50K	\$89.00	N/A	

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 to 140°F [-20 to 60°C]
- UL recognized File E311916
- CE certified
- IP65 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]	
<u>RPS-12G</u>	\$28.50	3/8	11.7 [0.46]	16.4 [0.65]	20
<u>RPS-16G</u>	\$34.00	1/2	15.6 [0.62]	20.7 [0.81]	20
<u>RPS-20G</u>	\$40.00	3/4	19.6 [0.77]	26.2 [1.03]	20
<u>RPS-25G</u>	\$30.50	1	24.8 [0.98]	33.0 [1.30]	10
<u>RPS-32G</u>	\$61.00	1-1/4	31.9 [1.26]	41.5 [1.64]	10
<u>RPS-40G</u>	\$45.00	1-1/2	39.9 [1.57]	47.5 [1.87]	5
<u>RPS-50G</u>	\$89.00	2	49.6 [1.95]	59.2 [2.33]	5

Note: European gas thread

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]	
<u>CUR-12G</u>	\$60.00	3/8	11.7 [0.46]	16.4 [0.65]	25
<u>CUR-16G</u>	\$71.00	1/2	15.6 [0.62]	20.7 [0.81]	25
<u>CUR-20G</u>	\$49.00	3/4	19.6 [0.77]	26.2 [1.03]	15
<u>CUR-25G</u>	\$23.00	1	24.8 [0.98]	33.0 [1.30]	5
<u>CUR-32G</u>	\$59.00	1-1/4	31.9 [1.26]	41.5 [1.64]	5

Note: European gas thread

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]	
<u>RPS-12K</u>	\$28.50	3/8	11.7 [0.46]	16.4 [0.65]	20
<u>RPS-16K</u>	\$34.00	1/2	15.6 [0.62]	20.7 [0.81]	20
<u>RPS-20K</u>	\$40.00	3/4	19.6 [0.77]	26.2 [1.03]	20
<u>RPS-25K</u>	\$30.50	1	24.8 [0.98]	33.0 [1.30]	10
<u>RPS-32K</u>	\$61.00	1-1/4	31.9 [1.26]	41.5 [1.64]	10
<u>RPS-40K</u>	\$45.00	1-1/2	39.9 [1.57]	47.5 [1.87]	5
<u>RPS-50K</u>	\$89.00	2	49.6 [1.95]	59.2 [2.33]	5

Note: European gas thread

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]	
<u>CUR-12K</u>	\$60.00	3/8	11.7 [0.46]	16.4 [0.65]	25
<u>CUR-16K</u>	\$71.00	1/2	15.6 [0.62]	20.7 [0.81]	25
<u>CUR-20K</u>	\$49.00	3/4	19.6 [0.77]	26.2 [1.03]	15
<u>CUR-25K</u>	\$23.00	1	24.8 [0.98]	33.0 [1.30]	5
<u>CUR-32K</u>	\$59.00	1-1/4	31.9 [1.26]	41.5 [1.64]	5

Note: European gas thread