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 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		3/8	11.94 [0.47]	16.51 [0.65]	12.45 [0.49]	6.1	30 [98]	RPS-12G		CUR-12G	
GSI-16G		1/2	16.00 [0.63]	20.57 [0.81]	16.00 [0.63]	7.1	30 [98]	RPS-16G		CUR-16G	
GSI-20G		3/4	20.07 [0.79]	24.64 [0.97]	21.08 [0.83]	9.6	30 [98]	RPS-20G		CUR-20G	
GSI-25G		1	24.89 [0.98]	30.48 [1.2]	27.94 [1.10]	13.4	30 [98]	RPS-25G		CUR-25G	
GSI-32G		1-¼	31.75 [1.25]	38.10 [1.5]	35.56 [1.40]	17.7	30 [98]	RPS-32G		CUR-32G	
GSI-40G		1-½	39.88 [1.57]	46.48 [1.83]	40.39 [1.59]	23.6	30 [98]	RPS-40G		N/A	
GSI-50G		2	50.04 [1.97]	56.90 [2.24]	51.82 [2.04]	31.2	30 [98]	RPS-50G		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		3/8	11.94 [0.47]	16.51 [0.65]	12.45 [0.49]	6.1	30 [98]	RPS-12K		CUR-12K	
GSI-16K		1/2	16.00 [0.63]	20.57 [0.81]	16.00 [0.63]	7.1	30 [98]	RPS-16K		CUR-16K	
GSI-20K		3/4	20.07 [0.79]	24.64 [0.97]	21.08 [0.83]	9.6	30 [98]	RPS-20K		CUR-20K	
GSI-25K		1	24.89 [0.98]	30.48 [1.2]	27.94 [1.10]	13.4	30 [98]	RPS-25K		CUR-25K	
GSI-32K		1-¼	31.75 [1.25]	38.10 [1.5]	35.56 [1.40]	17.7	30 [98]	RPS-32K		CUR-32K	
GSI-40K		1-½	39.88 [1.57]	46.48 [1.83]	40.39 [1.59]	23.6	30 [98]	RPS-40K		N/A	
GSI-50K		2	50.04 [1.97]	56.90 [2.24]	51.82 [2.04]	31.2	30 [98]	RPS-50K		N/A	

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

Overview

These straight and right angle (90º) 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
• IP 65 rated for watertight applications

IBOCO Gray I-Flex Tubing Straight Connectors

Part Number	Price	Trade Size in	Actual ID mm [in]	Actual OD mm [in]	Package Quantity
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		1-¼	31.9 [1.26]	41.5 [1.64]	10
RPS-40G		1-½	39.9 [1.57]	47.5 [1.87]	5
RPS-50G		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	Actual ID mm [in]	Actual OD mm [in]	Package Quantity
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		1-¼	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	Actual ID mm [in]	Actual OD mm [in]	Package Quantity
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		1-¼	31.9 [1.26]	41.5 [1.64]	10
RPS-40K		1-½	39.9 [1.57]	47.5 [1.87]	5
RPS-50K		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	Actual ID mm [in]	Actual OD mm [in]	Package Quantity
CUR-12K		3/8	11.7 [0.46]	16.4 [0.65]	25
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CUR-25K		1	24.8 [0.98]	33.0 [1.30]	5
CUR-32K		1-¼	31.9 [1.26]	41.5 [1.64]	5

Note: European gas thread