

Product HOME-FLEX® Flexible Gas Piping, 1/2" - 1"

Project Information

Job Name: _____
Location: _____
Engineer: _____
Contractor: _____

Date Submitted: _____
Submitted by: _____
Approved by: _____
Manufacturer's Rep: _____

Installation

Must be installed in accordance with the HOME-FLEX System Design and Installation Guide and all applicable codes

Application Information

Jacketed Flexible Gas Piping for use in Natural Gas and Liquefied Petroleum (Propane) Gas applications. Used with HOME-FLEX fittings and accessories.

Technical Data

Materials

Tubing Type 304 Stainless Steel
Jacket UV/Ozone resistant polyethylene with flame retardant

Pressure Ratings

Specification Operating Pressure 25 PSIG
CSA International Evaluation Report - Max Operating Pressure 125 PSIG

Temperature Ratings

Operating Temperature Range -20°F - 200°F
Tubing Melting Point 2400°F
Jacket Melting Point 350°F



Codes

ICC Codes (IFGC, IRC, IMC, IPC), UPC, NFPA (54, 58, 70, 78, 501), CAN/CSA B1491.1, NMC, CMPC, SBCCI, ICC/ANSI 2.0

Standards

ANSI LC1/CSA 6.26, UL 723/ASTM E84, ANSI Z223.1

Listings

CSA 256532, IAPMO 7660

Dimensional Information

	Size	Part Number	EHD	OD w/ Jacket (max)	ID (Nom. in.)	Tubing Wall Thickness (in.)	Weight (lbs/ft)
	1/2"	11-005-XXX	18	0.76"	0.551"	0.01"	0.108
	3/4"	11-007-XXX	25	1.06"	0.827"	0.01"	0.160
	1"	11-010-XXX	31	1.29"	1.06"	0.01"	0.240

Product HOME-FLEX® Fitting Adapter (Male-NPT)

Project Information

Job Name: _____
Location: _____
Engineer: _____
Contractor: _____

Date Submitted: _____
Submitted by: _____
Approved by: _____
Manufacturer's Rep: _____

Installation

Must be installed in accordance with the HOME-FLEX System Design and Installation Guide and all applicable codes

Application Information

Male NPT transition fitting between HOME-FLEX® CSST and NPT thread. For use indoor, outdoor, and in concealed location applications.

Technical Data

Materials

Fitting and Retainer Ring C360 Brass
O-ring Silicone
High Temperature Gasket Non-asbestos material

Pressure Ratings

Specification Operating Pressure 25 PSIG
CSA International Evaluation Report - Max Operating Pressure 125 PSIG

Temperature Ratings

Operating Temperature Range -20°F - 200°F



Codes

ICC Codes (IFGC, IRC, IMC, IPC), UPC, NFPA (54, 58, 70, 78, 501), CAN/CSA B1491.1, NMC, CMPC, SBCCI, ICC/ANSI 2.0

Standards

ANSI LC1/CSA 6.26, UL 723/ASTM E84, ANSI Z223.1

Listings

CSA 256532, IAPMO 7660

Dimensional Information

	Size	Part Number	HOME-FLEX CSST Size	Male NPT Pipe Size	Diameter across flats (Nom. in.)	Fitting length (Nom. in.)	Weight (lbs)
	1/2"	11-436-005	1/2"	1/2"	1.15"	1.94"	0.2
	3/4"	11-436-007	3/4"	3/4"	1.45"	1.9"	0.36
	1"	11-436-010	1"	1"	1.75"	2"	0.6

Product HOME-FLEX® Fitting Adapter (Female-NPT)

Project Information

Job Name: _____
Location: _____
Engineer: _____
Contractor: _____

Date Submitted: _____
Submitted by: _____
Approved by: _____
Manufacturer's Rep: _____

Installation

Must be installed in accordance with the HOME-FLEX System Design and Installation Guide and all applicable codes

Application Information

Female NPT transition fitting between HOME-FLEX® CSST and NPT thread. For use indoor, outdoor, and in concealed location applications.

Technical Data

Materials

Fitting and Retainer Ring C360 Brass
O-ring Silicone
High Temperature Gasket Non-asbestos material

Pressure Ratings

Specification Operating Pressure 25 PSIG
CSA International Evaluation Report - Max Operating Pressure 125 PSIG

Temperature Ratings

Operating Temperature Range -20°F - 200°F



Codes

ICC Codes (IFGC, IRC, IMC, IPC), UPC, NFPA (54, 58, 70, 78, 501), CAN/CSA B1491.1, NMC, CMPC, SBCCI, ICC/ANSI 2.0

Standards

ANSI LC1/CSA 6.26, UL 723/ASTM E84, ANSI Z223.1

Listings

CSA 256532, IAPMO 7660

Dimensional Information

	Size	Part Number	HOME-FLEX CSST Size	Male NPT Pipe Size	Diameter across flats (Nom. in.)	Fitting length (Nom. in.)	Weight (lbs)
	1/2"	11-435-005	1/2"	1/2"	1.15"	1.73"	0.25
	3/4"	11-435-007	3/4"	3/4"	1.45"	1.9"	0.40
	1"	11-435-010	1"	1"	1.75"	2"	0.65

Product HOME-FLEX® Union Fitting

Project Information

Job Name: _____
Location: _____
Engineer: _____
Contractor: _____

Date Submitted: _____
Submitted by: _____
Approved by: _____
Manufacturer's Rep: _____

Installation

Must be installed in accordance with the HOME-FLEX System Design and Installation Guide and all applicable codes

Application Information

Union fitting for connecting same size runs of HOME-FLEX CSST. For use indoor, outdoor, and in concealed location applications.

Technical Data

Materials

Fitting and Retainer Ring	C360 Brass
O-ring	Silicone
High Temperature Gasket	Non-asbestos material

Pressure Ratings

Specification Operating Pressure	25 PSIG
CSA International Evaluation Report - Max Operating Pressure	125 PSIG

Temperature Ratings

Operating Temperature Range -20°F - 200°F



Codes

ICC Codes (IFGC, IRC, IMC, IPC), UPC, NFPA (54, 58, 70, 78, 501), CAN/CSA B1491.1, NMC, CMPC, SBCCI, ICC/ANSI 2.0

Standards

ANSI LC1/CSA 6.26, UL 723/ASTM E84, ANSI Z223.1

Listings

CSA 256532, IAPMO 7660

Dimensional Information

	Size	Part Number	HOME-FLEX CSST Size	Male NPT Pipe Size	Diameter across flats (Nom. in.)	Fitting length (Nom. in.)	Weight (lbs)
	1/2"	11-429-005	1/2"	1/2"	1.15"	2.3"	0.35
	3/4"	11-429-007	3/4"	3/4"	1.45"	2.4"	0.61
	1"	11-429-010	1"	1"	1.75"	2.63"	0.91

Product HOME-FLEX® Stainless Steel Manifolds

Project Information

Job Name: _____ Date Submitted: _____
Location: _____ Submitted by: _____
Engineer: _____ Approved by: _____
Contractor: _____ Manufacturer's Rep: _____

Installation

Must be installed in accordance with the HOME-FLEX System Design and Installation Guide and all applicable codes

Application Information

Manifolds used for parallel piping installations. May be used in concealed locations on low pressure systems without line pressure regulators

Technical Data

Materials

304-Series Stainless Steel

Pressure Ratings

Specification Operating Pressure 25 PSIG
CSA International Evaluation Report - Max Operating Pressure 125 PSIG

Temperature Ratings

Operating Temperature Range -20°F - 200°F



Codes

ICC Codes (IFGC, IRC, IMC, IPC), UPC, NFPA (54, 58, 70, 78, 501), CAN/CSA B1491.1, NMC, CMPC, SBCCI, ICC/ANSI 2.0

Standards

ANSI LC1/CSA 6.26, UL 723/ASTM E84, ANSI Z223.1

Listings

CSA 256532, IAPMO 7660

Dimensional Information

	Part Number	OD (Nom. in.)	Length (Nom. in.)	Run Sizes	Port Size (inlet & outlet, NPT)	Port size (middle, NPT)	Weight (lbs)
	11-050504	1.75"	10.25"	1/2"	1/2"	1/2"	0.586
	11-070504	1.625"	9.875"	1/2", 3/4"	3/4"	1/2"	0.617
	11-100704	2.00"	10.375"	3/4", 1"	1"	3/4"	0.75