

Hydraulic Adapters - Flareless Bite Fittings

Applications

- Chemical, pulp and paper, oil and gas refineries, military, air compressors, and machine tools
- Well-suited for a variety of processing and general hydraulic applications

Features

- Ideally suited for use with tubing having medium to extra heavy wall thicknesses
- 3-piece design with only one ferrule eliminates possible make-up errors that may occur using a twin ferrule tube fitting
- Minimal risk of improper assembly as the ferrule visibly bites into the tubing, allowing installer to visually inspect the bite quality
- Fittings are suitable for sub-zero through elevated temperature applications

Specifications

- Temperature rating is limited by the material chosen
- Pressure ratings are determined by the size (O.D.) and wall thickness (inches/mm) of the tubing on which they are to be installed

Approval

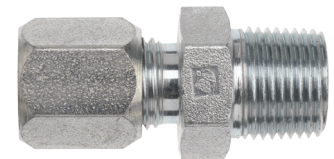
- Exceeds Military (MIL F18866) and SAE J514 standards

Assembly Instructions

- Cut, deburr and clean tubing
- Pre-set ferrule onto tubing
- Inspect ferrule bite in tubing by disassembling the fitting and visually inspecting the deburred end of tube for slight indentation
- Finger tighten nut and then further wrench tighten nut another 1/3 to 1/2 turn

Male Tube x Male NPTF Adapters

Tube O.D.	Male NPTF	Steel Part #
1/8"	1/8"	FLC2404-02
	1/4"	FLC2404-02-04
3/16"	1/8"	FLC2404-03-02
1/4"	1/8"	FLC2404-04-02
	1/4"	FLC2404-04
	3/8"	FLC2404-04-06
	1/2"	FLC2404-04-08
5/16"	1/8"	FLC2404-05-02
	1/4"	FLC2404-05-04
3/8"	1/8"	FLC2404-06-02
	1/4"	FLC2404-06-04
	3/8"	FLC2404-06
	1/2"	FLC2404-06-08
1/2"	1/4"	FLC2404-08-04
	3/8"	FLC2404-08-06
	1/2"	FLC2404-08
	3/4"	FLC2404-08-12
5/8"	3/8"	FLC2404-10-06
	1/2"	FLC2404-10-08
	3/4"	FLC2404-10-12
3/4"	1/2"	FLC2404-12-08
	3/4"	FLC2404-12
	1"	FLC2404-12-16
1"	3/4"	FLC2404-16-12
	1"	FLC2404-16
	1-1/4"	FLC2404-16-20
1-1/4"	3/4"	FLC2404-20-12
	1-1/4"	FLC2404-20
1-1/2"	1-1/2"	FLC2404-24



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Male Tube x Male 37° JIC

Tube O.D.	Male 37° JIC	Steel Part #
1/4"	1/4"	FLC2402-04-04
3/8"	3/8"	FLC2402-06-06
1/2"	1/2"	FLC2402-08-08
3/4"	3/4"	FLC2402-12-12

