

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
- temperature rating is limited by the material chosen
- pressure ratings are determined by the size (OD) and wall thickness (inches/mm) of the tubing on which they are to be installed

**Specifications:**

- exceeds Military (MIL F18866) and SAE J514 standards

**Assembly Instructions:**

- cut, de-burr and clean tubing
- pre-set ferrule onto tubing
- inspect ferrule bite in tubing by disassembling the fitting and visually inspecting the de-burred 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 OD	Male NPTF	Steel Part #
1/8"	1/8"	<b>FLC2404-02</b>
	1/4"	<b>FLC2404-02-04</b>
3/16"	1/8"	<b>FLC2404-03-02</b>
	1/4"	<b>FLC2404-04-02</b>
1/4"	1/4"	<b>FLC2404-04</b>
	3/8"	<b>FLC2404-04-06</b>
	1/2"	<b>FLC2404-04-08</b>
5/16"	1/8"	<b>FLC2404-05-02</b>
	1/4"	<b>FLC2404-05-04</b>
3/8"	1/8"	<b>FLC2404-06-02</b>
	1/4"	<b>FLC2404-06-04</b>
	3/8"	<b>FLC2404-06</b>
1/2"	1/2"	<b>FLC2404-06-08</b>
	3/4"	<b>FLC2404-08-04</b>
	1"	<b>FLC2404-08-06</b>
5/8"	1 1/4"	<b>FLC2404-08</b>
	1 1/2"	<b>FLC2404-08-12</b>
	2"	<b>FLC2404-10-06</b>
3/4"	3/8"	<b>FLC2404-10-08</b>
	1/2"	<b>FLC2404-10-12</b>
	3/4"	<b>FLC2404-12-08</b>
1"	1"	<b>FLC2404-12</b>
	1 1/4"	<b>FLC2404-12-16</b>
	1 1/2"	<b>FLC2404-16-12</b>
1-1/4"	1"	<b>FLC2404-16</b>
	1 1/4"	<b>FLC2404-16-20</b>
1-1/2"	3/4"	<b>FLC2404-20-12</b>
	1-1/4"	<b>FLC2404-20</b>
1-1/2"	1-1/2"	<b>FLC2404-24</b>



**Male Tube x Male 37° JIC**

Tube OD	Male 37° JIC	Steel Part #
1/4"	1/4"	<b>FLC2402-04-04</b>
3/8"	3/8"	<b>FLC2402-06-06</b>
1/2"	1/2"	<b>FLC2402-08-08</b>
3/4"	3/4"	<b>FLC2402-12-12</b>