

Bioflex Ultra 37° JIC Female Fittings and Male & Female NPT Unions

End Fitting Specifications

- SAE J514 37° Flare JIC Female Fitting
- 37° JIC Male-to-NPT Male/Female Adaptors
- NPT Threads to ANSI/AMSE B1.20.1

Temperature and Pressure Ratings

- Same Maximum Working Pressure and Temperature as for the relevant size of Bioflex Ultra Hose, on page 7.

Note:

- Not usable with SAE 45° Flare fittings which have the same thread.

End Fitting Materials

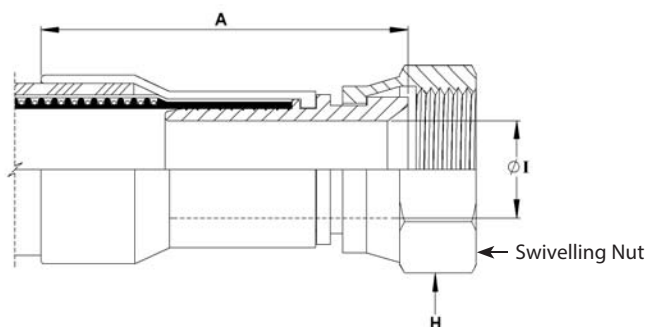
- Spigots in Grade 316L SS
- Nuts in 316L SS
- Ferrules, most in Grade 304 SS, some sizes in Grade 316L SS

Alternatives:

- Available in other materials to special order

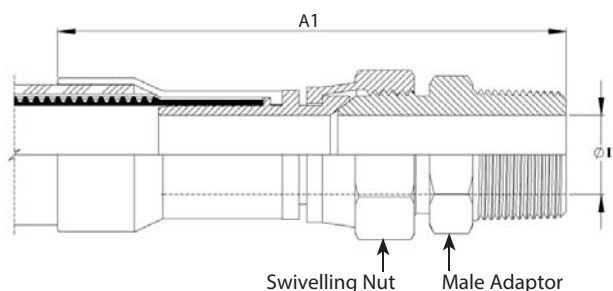
Surface Finish :

- All surface finishes are to ASME BPE-SF-O (No finish required).
- If a specified finish on a particular surface is required, please state on the enquiry and order.



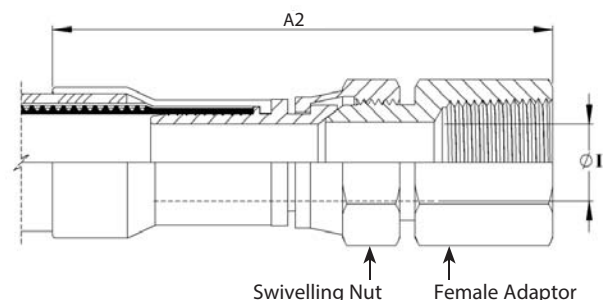
Nominal Hose Size		37° JIC Thread Size	*Fitting Length A (Bioflex Ultra RC)		Hex Size H		Fitting Inner Diameter I		Weight of Fitting	
in	mm	in	in	mm	in	mm	in	mm	Kg	Lbs
1/2	13	3/4 - 16	2.76	70	0.88	22.2	0.38	9.5	0.11	0.24
3/4	20	1 1/16 - 12	3.07	78	1.25	31.7	0.63	15.9	0.15	0.34
1	25	1 5/16 - 12	3.23	82	1.50	38.1	0.80	20.2	0.23	0.52
1 1/2	40	1 7/8 - 12	4.00	102	2.25	57.1	1.25	31.7	0.72	1.58
2	50	2 1/2 - 12	4.33	110	2.88	73.0	1.75	44.4	0.99	2.18

JIC to NPT Male Union (including a JIC Male to NPT Male Adaptor)



Nominal Hose Size		*Male Union Length A1 (Bioflex Ultra RC)		Weight of Fitting	
in	mm	in	mm	Kg	Lbs
1/2	13	4.13	105	0.22	0.48
3/4	20	4.92	125	0.33	0.72
1	25	5.43	138	0.52	1.15

JIC to NPT Female Union (including a JIC Male to NPT Female Adaptor)



*Female Union Length A2 (Bioflex Ultra RC)		Fitting Inner Diameter I		Weight of Fitting	
in	mm	in	mm	Kg	Lbs
4.25	108	0.38	9.5	0.21	0.47
4.80	122	0.63	15.9	0.33	0.74
5.12	130	0.80	20.2	0.68	1.50

*Fitting Lengths listed are for Bioflex Ultra RC, SI and BK hose grades. Shorter lengths apply for other hose grades.