

Bioflex Ultra DIN11851 Male & Female Fittings - PTFE Lined, and Female Fittings - Non-Lined

Description

DIN11851 male and female fittings, integral PTFE lined and flared. The PTFE sealing face is hot moulded into the correct shape, designed to achieve the optimum pressure seal. 90° elbow PTFE lined fittings are available for some sizes and grades - see page 32.

Specifications

- Generally to German DIN 11851 specifications.

Note: The PTFE lined male fitting is designed to be used without a rubber seal. Please note that when connecting to a PTFE Lined DIN 11851 Male, extra spanner tightening of the nut is sometimes required in order to provide a leak free connection.

End Fitting Materials

- Spigots in Grade 316L SS (Non-Lined Spigot in 1.4571)
- Nuts in Grade 304 SS
- Ferrules, most in Grade 304 SS, some sizes in Grade 316L SS

Surface Finish: (Non-Lined Fittings only)

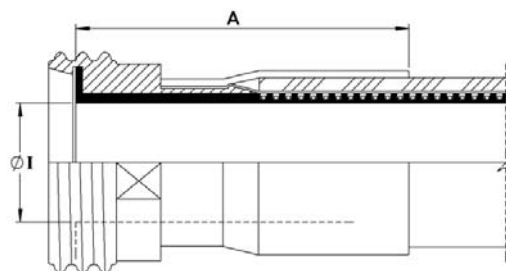
- All surface finishes are to ASME BPE-SF-3 > 0.76µm Ra, mechanical polish.
- If a specified finish on a particular surface is required, please state on the enquiry and order.

Temperature & Pressure Ratings

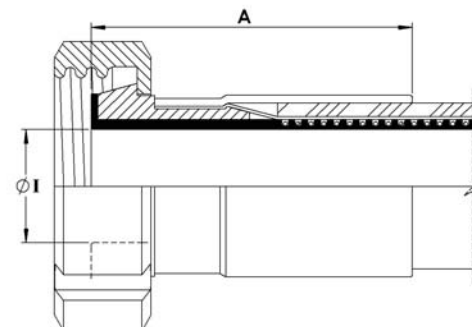
- Sizes up to 1 1/4" MWP = 40 Bar (580 psi) up to 130°C (266°F)
- Sizes 1 1/2" & 2" MWP = 25 Bar (360 psi) up to 130°C (266°F)

Except: where the applicable hose pressure/temperature ratings are lower (page 9).

PTFE Lined DIN11851 Male Fitting

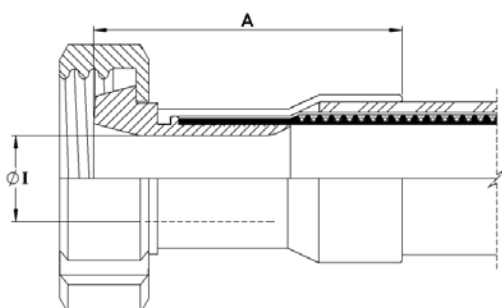


PTFE Lined DIN11851 Female Fitting



Nominal Hose Size = 'I' Dia		*Male Fitting Length A (Bioflex Ultra RC)		*Female Fitting Length A (Bioflex Ultra RC)		Fitting Inside Diameter		Weight of Fitting Male		Weight of Fitting Female	
in	mm	in	mm	in	mm	in	mm	Kg	Lbs	Kg	Lbs
1/2	15	2.28	58	2.00	51	0.51	13.0	0.13	0.29	0.17	0.37
3/4	20	2.44	62	2.17	55	0.76	19.4	0.21	0.46	0.23	0.51
1	25	3.00	76	2.75	70	1.01	25.7	0.30	0.66	0.40	0.88
1 1/4	32	2.75	70	2.50	64	1.28	32.4	0.37	0.82	0.51	1.12
1 1/2	40	2.84	72	3.00	76	1.53	38.9	0.42	0.93	0.73	1.60
2	50	3.47	88	3.55	90	2.03	51.6	0.65	1.43	1.10	2.42

DIN11851 Female Fitting, Non-Lined



Nominal Hose Size		I Diameter		*Fitting Length A		Weight of Fitting	
in	mm	in	mm	in	mm	Kg	Lbs
1/2	15	0.375	9.5	2.58	65	0.18	0.40
3/4	20	0.625	15.9	3.00	76	0.24	0.53
1	25	0.797	20.2	3.20	81	0.41	0.90
1 1/4	32	1.030	26.2	3.82	97	0.52	1.15
1 1/2	40	1.250	31.8	3.82	97	0.75	1.65
2	50	1.750	44.5	3.94	100	1.11	2.45

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