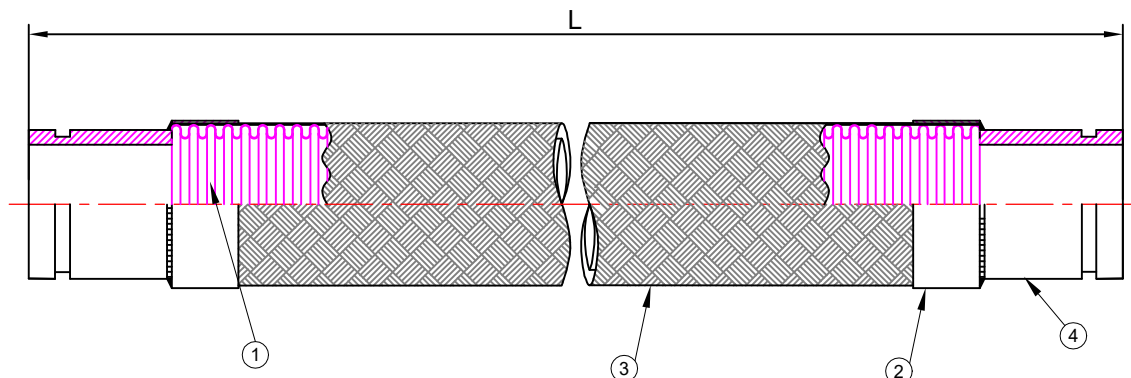




Flexible Metallic Pump Connector with Grooved End



Sl.No.	NB/NPS	L (mm/in)	Pressure Rating Single Braiding (barg/Psig)	Test Pressure Single Braiding (barg/Psig)	Pressure Rating Double Braiding (barg/Psig)	Test Pressure Double Braiding (barg/Psig)	Temperature (°C/°F)	Minimum Centerline Bend Radius		Lateral Offset (mm/in)
								Static (mm/in)	Dynamic (mm/in)	
1	50/2	305/12	30/435	45/652.5	48/696	72/1044	23/73.4	160/6.3	320/12.6	12 / 1/2
2	65/2.5	356/14	24/348	36/522	38/551	58/841	23/73.4	180/7	410/16	12 / 1/2
3	80/3	356/14	18/261	27/391.5	29/420.5	43/623.5	23/73.4	200/8	450/18	12 / 1/2
4	100/4	381/15	16/232	24/348	26/377	38/551	23/73.4	290/11.4	560/22	12 / 1/2
5	125/5	406/16	14/203	21/304.5	22/319	34/493	23/73.4	325/13	710/28	12 / 1/2
6	150/6	406/16	10/145	15/217.5	16/232	24/348	23/73.4	380/15	815/32	12 / 1/2
7	200/8	432/17	8/116	12/174	13/188.5	19/276	23/73.4	500/20	1015/40	12 / 1/2
8	250/10	457/18	7.5/109	11/160	12/174	18/261	23/73.4	620/24.4	1270/50	12 / 1/2
9	300/12	483/19	6/87	9/130.5	9.5/137.75	14/203	23/73.4	725/28.5	1525/60	12 / 1/2

*Tolerance in length: $\pm 3 \text{ mm} / \pm \frac{1}{8}''$

Note:

- Above technical details are subjected to change without Notice. pressure given in the table should be multiplied by the correction factor.
- The Burst pressure is 4 times the Max. Working Pressure.

Temperature Correction Factor:

When hoses are required to work at high temperature , the working pressure given in the table should be multiplied by the correction factor. This will determine the Pressure Rating of the hose for higher temperature.

Temperature Range		Correction Factor ("F")
°C	°F	Material (SS304)
>-200≤-20	>-328≤-4	1
>-20≤50	>-4≤122	1
>50≤100	>122≤212	0.94
>100≤150	>212≤302	0.90
>150≤200	>302≤392	0.86
>200≤250	>392≤482	0.82
>250≤300	>482≤572	0.78
>300≤350	>572≤662	0.74
>350≤400	>662≤752	0.70
>400≤450	>752≤842	0.66
>450≤500	>842≤932	0.60

4	Grooved	ASTM A 106 Gr.B	2
3	Braiding	SS 304	1
2	Neck ring	SS 304	2
1	Corrugation	A 240 Gr. 304	1
Sl.No.	Description	Material	Pcs
Title:- Flexible Metallic Pump Connector with Grooved End			
DRAWN BY		OWNER : Easyflex /VibraSystems	
CHECKED BY			
APPROVED BY			
SCALE: NTS			
DRAWING No.			
DATE		REV:- 00	