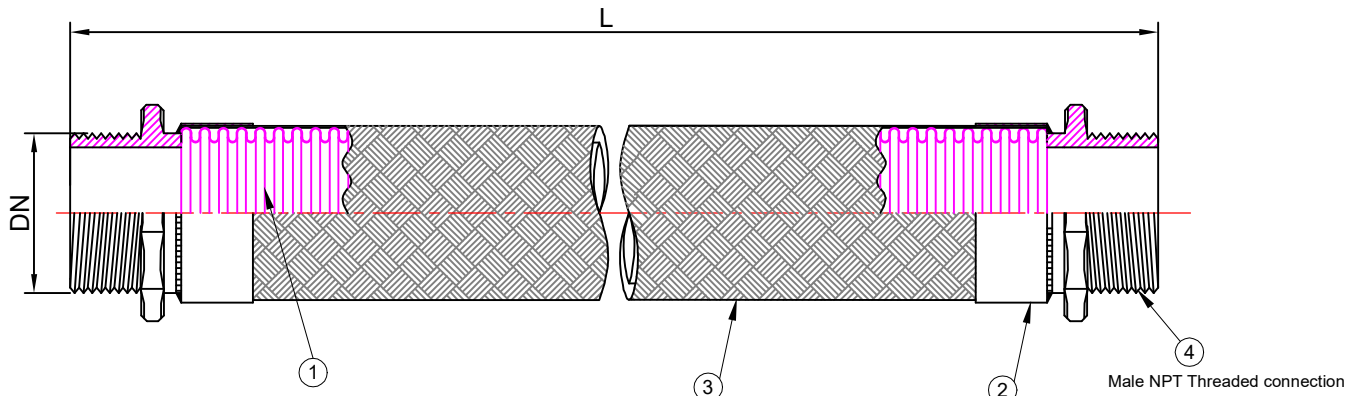


**Easyflex**™

## Flexible Metallic Pump Connector with Male NPT Threaded connection



| Sl.No. | NB/NPS    | L<br>(mm/in) | Pressure Rating<br>Single Braiding<br>(barg/Psig) | Test Pressure<br>Single Braiding<br>(barg/Psig) | Pressure Rating<br>Double Braiding<br>(barg/Psig) | Test Pressure<br>Double Braiding<br>(barg/Psig) | Temperature<br>(°C/°F) | Minimum Centerline Bend Radius |                    | Lateral<br>Offset<br>(mm/in) |
|--------|-----------|--------------|---|---|---|---|------------------------|--------------------------------|--------------------|------------------------------|
|        |           |              |   |   |   |   |                        | Static<br>(mm/in)              | Dynamic<br>(mm/in) |                              |
| 1      | 15/1/2"   | 165/6.5      | 65/943  | 98/1421   | -   | -   | 23/73.4                | 45/1.8                         | 210/8.3            | 10 / 0.39                    |
| 2      | 20/3/4"   | 179/7        | 64/928  | 96/1392   | 102/1479  | 154/2233  | 23/73.4                | 70/2.7                         | 170/6.7            | 10 / 0.39                    |
| 3      | 25/1"     | 203/8        | 50/725  | 75/1088   | 80/1160   | 120/1740  | 23/73.4                | 85/3.3                         | 190/7.5            | 10 / 0.39                    |
| 4      | 32/1 1/4" | 210/8.25     | 40/580  | 60/870  | 64/928  | 96/1392   | 23/73.4                | 105/4                          | 260/10             | 10 / 0.39                    |
| 5      | 40/1 1/2" | 229/9        | 35/508  | 52.5/761  | 56/812  | 84/1218   | 23/73.4                | 130/5                          | 300/12             | 10 / 0.39                    |
| 6      | 50/2"     | 267/10.5     | 30/435  | 45/652.5  | 48/696  | 72/1044   | 23/73.4                | 160/6.3                        | 320/12.6           | 10 / 0.39                    |
| 7      | 65/2 1/2" | 305/12       | 24/348  | 36/522  | 38/551  | 57/826.5  | 23/73.4                | 180/7                          | 410/16             | 12 / 0.47                    |
| 8      | 80/3"     | 356/14       | 18/261  | 27/391.5  | 29/420.5  | 43.5/631  | 23/73.4                | 200/8                          | 450/18             | 15 / 0.59                    |
| 9      | 100/4"    | 406/16       | 16/232  | 24/348  | 26/377  | 39/565.5  | 23/73.4                | 290/11.4                       | 560/22             | 20 / 0.79                    |

\*Tolerance in length:  $\pm 3$  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  | Male NPT Threaded connection | CS                                | 2   |
| 3  | Single 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 Male NPT Threaded connection |                              |                                   |     |
|  |                              |                                   |     |
| DRAWN BY   |                              | OWNER :<br>Easyflex /VibraSystems |     |
| CHECKED BY   |                              |                                   |     |
| APPROVED BY  |                              |                                   |     |
| SCALE: NTS   |                              |                                   |     |
| DRAWING No.  |                              | REV:- 00                          |     |
| DATE   |                              |                                   |     |