

# LF 6800 Push-In Fittings



Push-in fittings with reinforced cleanliness, for medical applications, bio-medical equipment, breathing systems, diagnosis devices, pharmaceutical process in accordance with the standards of the field of application.

Ø metric:  
4 to 12 mm

## Technical Characteristics

- **Compatible Fluids:** Breathing, neutral & pure medical gases. Other fluids: please consult us
- **Working Pressure:** Vacuum to 15 bar. Working pressure varies according to temperature (see below)
- **Working Temperature:** -10°C to +95°C

| Tightening Torque (Metric & BSPP) | Thread | M5 x0.8 | G1/8 | G1/4 | G3/8 | G1/2 |
|-----------------------------------|--------|---------|------|------|------|------|
|                                   | daN.m  | 1.16    | 0.8  | 1.2  | 3    | 3.5  |

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.

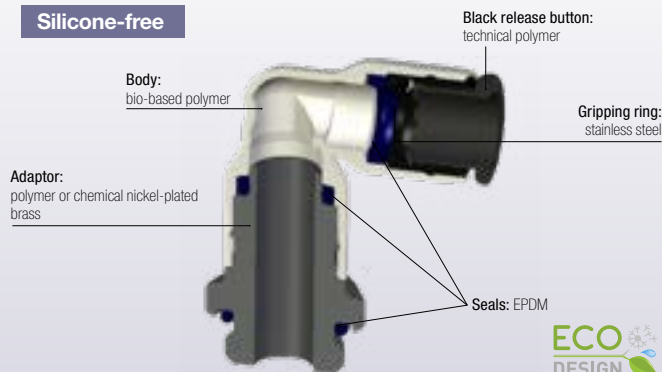
Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

## Advantages

- Compatibility with ASTM standards
- Recommended for O<sub>2</sub> applications and pure gases
- Bisphenol and phthalate-free

## Component Materials

### Silicone-free



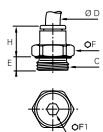
## Regulations

- RoHS
- REACH

**BAM:** Grease certification residue

## 6801 Stud Fitting, Male BSPP and Metric Thread

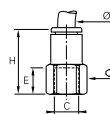
Chemical nickel-plated brass, EPDM



| ØD | C      |                   | E   | F  | F1  | H    | Kg    |
|----|--------|-------------------|-----|----|-----|------|-------|
| 4  | M5x0.8 | <b>6801 04 19</b> | 3   | 8  | 2.5 | 14   | 0.003 |
|    | G1/8   | <b>6801 04 10</b> | 5.5 | 13 | 3   | 11.5 | 0.007 |
|    | G1/4   | <b>6801 04 13</b> | 5.5 | 16 | 3   | 10.5 | 0.011 |
| 6  | M5x0.8 | <b>6801 06 19</b> | 3   | 10 | 2.5 | 16   | 0.005 |
|    | G1/8   | <b>6801 06 10</b> | 4.5 | 13 | 4   | 13   | 0.007 |
|    | G1/4   | <b>6801 06 13</b> | 5.5 | 16 | 4   | 12.5 | 0.011 |
| 8  | G1/8   | <b>6801 08 10</b> | 4.5 | 13 | 5   | 20.5 | 0.011 |
|    | G1/4   | <b>6801 08 13</b> | 5.5 | 16 | 6   | 19.5 | 0.016 |
|    | G3/8   | <b>6801 08 17</b> | 5.5 | 20 | 6   | 18   | 0.022 |
| 10 | G1/4   | <b>6801 10 13</b> | 5.5 | 16 | 7   | 23   | 0.018 |
|    | G3/8   | <b>6801 10 17</b> | 5.5 | 20 | 8   | 19.5 | 0.021 |
|    | G1/2   | <b>6801 10 21</b> | 7   | 24 | 8   | 18   | 0.033 |
| 12 | G3/8   | <b>6801 12 17</b> | 5.5 | 20 | 9   | 27   | 0.029 |
|    | G1/2   | <b>6801 12 21</b> | 7   | 24 | 10  | 22.5 | 0.035 |

## 6814 Stud Fitting, Female BSPP Thread

Chemical nickel-plated brass, EPDM



| ØD | C    |                   | E    | F  | H    | Kg    |
|----|------|-------------------|------|----|------|-------|
| 4  | G1/8 | <b>6814 04 10</b> | 9.5  | 13 | 22.5 | 0.010 |
|    | G1/4 | <b>6814 06 10</b> | 9.5  | 13 | 24.5 | 0.011 |
| 6  | G1/4 | <b>6814 06 13</b> | 13.5 | 16 | 28.5 | 0.017 |
|    | G1/8 | <b>6814 08 10</b> | 9.5  | 13 | 29   | 0.015 |
| 8  | G1/4 | <b>6814 08 13</b> | 13.5 | 16 | 33   | 0.021 |
|    | G3/8 | <b>6814 08 17</b> | 14   | 19 | 34   | 0.025 |
| 10 | G1/4 | <b>6814 10 13</b> | 13.5 | 16 | 36   | 0.027 |
|    | G3/8 | <b>6814 10 17</b> | 14   | 19 | 36   | 0.027 |
|    | G1/2 | <b>6814 10 21</b> | 19.5 | 24 | 41.5 | 0.048 |
| 12 | G3/8 | <b>6814 12 17</b> | 14   | 19 | 40   | 0.033 |
|    | G1/2 | <b>6814 12 21</b> | 19.5 | 24 | 45.5 | 0.052 |

## Applications Overview for Medical and Clean Room Environments

