LF 3600 push-in fittings for industrial and food applications
Its expertise in connection techniques and knowledge of market requirements now enable Legris to introduce a **new range of LF 3600 push-in fittings** optimized for a greater number of both industrial and food applications. **All metal** new LF 3600 (except sealing components) is compatible with many liquids and gases of average aggressiveness and is ideal for environments that require mechanical strength - incorporating high phosphorus chemical nickel plating that conforms to FDA standard (Food & Drug Administration).

The principle of connection is based on a reliable high technology, rigourously tried and tested by Legris: instant manual **connection** and **disconnection**.

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**Technical conditions of use**

These depend on the nature and thickness of the tube, the ambient temperature and that of the fluid conveyed.

<table>
<thead>
<tr>
<th>Suitable fluids</th>
<th>All liquids and gases compatible with the materials of the fitting. Examples: food fluids, cleaning / cold and hot water, steam, oils,....</th>
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</thead>
<tbody>
<tr>
<td>Working pressure</td>
<td>0.5 to 20 bar</td>
</tr>
<tr>
<td>Working temperature</td>
<td>from – 20°C to +120°C</td>
</tr>
<tr>
<td>materials</td>
<td><strong>body:</strong> high phosphorus FDA chemical nickel-plated brass  &lt;br&gt;<strong>ring:</strong> high phosphorus FDA chemical nickel-plated brass  &lt;br&gt;<strong>gripping teeth:</strong> high phosphorus FDA chemical nickel-plated brass  &lt;br&gt;<strong>sub-base:</strong> high phosphorus FDA chemical nickel-plated brass  &lt;br&gt;<strong>washer:</strong> FKM (FPM) fluoroelastomer conforming to FDA standard</td>
</tr>
<tr>
<td>maximum tightening torque for LF 3600, BSPP and metric threads</td>
<td>thread</td>
</tr>
<tr>
<td>m. da N</td>
<td>0.16</td>
</tr>
</tbody>
</table>

All items in the LF 3600 range are silicone free
INCREASED PERFORMANCE

- **excellent resistance to abrasion** and **corrosion** due to high phosphorus chemical nickel plating, individually deposited on brass components.
- working temperature from -20° to +120°C due to “all metal” components (except sealing components)
- **full flow fluid passage**, no pressure drop
- **automatic sealing** of BSPP and metric versions via an integral sub-base washer

WIDE RANGE

- multiple configurations
- from Ø 4mm to 14 mm
- BSP taper, BSP parallel, metric and NPT threads
- ideal for many types of technical tubes

COMPACTNESS AND AESTHETICS

Each model has been redesigned to meet all requirements:
- compactness due to **small overall dimensions** with inter-connectability for bespoke configurations
- aesthetic with modernised external shapes

NUMEROUS APPLICATIONS

- suited to many **industries** including the **food industry**:
  - numerous suitable fluids (food fluids, cleaning / hot and cold water, steam, oil...)
  - components and chemical nickel coating conforming to FDA standard
- **examples of applications**:
  food and cleaning circuits, coffee machines, machine tools, centralised lubrication, soldering equipment

TIME SAVING CONNECTION AND DISCONNECTION

- **instant manual connection** and **disconnection**
- **easy installation**

Our production process includes individual unit quality control and dating, for all LF 3600 push-in fittings, in order to guarantee their quality and traceability.
for industrial and food applications
For industrial applications, Legris also offers a range of brass and nickel-plated brass accessories compatible with LF 3600.
You will find the complete LF 3600 range on our web-site

www.legris.com