

## FR324F Particulate Filter

The FR324F is a high-performance brass particulate filter, engineered for high-pressure environments

The FR324F ensures clean gas delivery by removing contaminants and protecting downstream equipment.



Welding & manufacturing



Inerting & tank blanketing



Heat Treatment & Metalworking



Food Processing & Packaging



Laser Cutting

DETAIL	VALUE
Product Name	FR324F
Product Type	Particulate Gas Filter
Supply Gases	Compatible with wetted materials
Manufactured by	BSL Gas Technologies Ltd
Telephone	+44 (0)1634 661100
Email	solutions@bslgastech.com
Address	101 Laker Rd, Chatham, Rochester ME1 3QX

KEY USE POINTS
<ul style="list-style-type: none"> <li>Designed for oxygen and inert gas systems.</li> <li>Designed with reference to exemption pressure and minimum thickness data for wetted materials in pure Oxygen service as defined in EIGA Document 13/20</li> <li>Protects downstream equipment by filtering particulates.</li> <li>Ready to use straight out of the box.</li> </ul>

PARAMETER	VALUE
Dimensions	173 mm x 82 mm x 78 mm
Weight	2.7 kg
Maximum Temperature	+50°C
Filter Grade	0.01 µm particulate
Mounting Orientation	Vertical mounting only / suspended from pipe
Design Pressure	40 bar g
Cleaning	Cleaned for Oxygen service to BSL Work Instruction 64
Replacement Elements	FR324E

KEY FEATURES
<ul style="list-style-type: none"> <li>High-pressure rated – Suitable for demanding oxygen and inert gas applications.</li> <li>Protects equipment by removing contaminants.</li> <li>Easy to integrate into gas systems with minimal space requirements</li> <li>Pipe work mountable</li> <li>Removable bowls for easy filter change</li> </ul>

### WETTED MATERIALS, HOUSING

Brass CZ121, Monel 400, Bowl seal EPDM, Krytox NRT 8904

### WETTED MATERIALS, FILTER ELEMENT

Borosilicate Glass with Silica binder – fully inorganic construction

### OPERATION

- Ideal for laser cutting assist gases, Modified Atmosphere Packaging (MAP) in food industries, welding shield gases, and general industrial applications.

