Filtration Solutions

For Performance Filtration

Converters of Polyurethane Foam, Expanded Polyethylene, Rubber and Allied Products
Welcome

Welcome to “FILTRATION SOLUTIONS” our latest raw materials brochure from FOAM TECHNIQUES LTD covering our reticulated and controlled open cell range of polyurethane filter foams.

With over 25 years experience, in offering the very best answers in order to achieve optimum filtration performance, FOAM TECHNIQUES proudly offer the most comprehensive range of filtration products and advice available.

Our performance foams, ensure efficient removal of a variety of contaminants including odours, gaseous by products, dust & dirt, and in fact most impurities.

**Our full range of filtration products serve a wide spectrum of industry from:**

- Medical
- Power
- Air Conditioning
- Automotive
- Construction
- Electrical
- Petro Chemical
- Aerospace
- Rail, Truck and Bus
- White Goods
- Communications
- Aquatic/Marine
- Battery
- Defence

With factories based in two major economies-United Kingdom & India - both factories offer standard and bespoke filtration products in either, sheet, roll or cut shape format.

Technical advice is always available; please feel free to contact our sales engineers for any help or advice that you may require.
End Uses

- Oil & Mist Filters
- Air Filters
- Water Filters
- Separation Filters
- Cooking Filters
- Tobacco Filters
- Odour Filters
- Gas Filters
- Coalescing Filters
- Self Supporting Filters
- Respiratory Filters
- Medical Wipes
- Medical Swabs
- Inking Pads
- Stamping Pads
- Cosmetic Face Pads

Our Foams:

High quality, offering a controlled, homogenous and defined cell structures. The complex cellular matrix of our foam qualities are produced within tight tolerances and under strict manufacturing protocol which result in the best possible filtration performance.

Impregnated, post treated varieties are also available to further improve performance and in order to achieve high flame retardant specifications and legislation.
<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
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| FT-S10FR | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 10PPI  
Density: 36±3kg/m³  
Flammability: FMVSS 302 – PASS  
Temp: -30°C to + 110°C  
Uses: Air Filtration and Ceramic Filters  
Colour: Black |
| FT-S20FR | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 20PPI  
Density: 35±3kg/m³  
Flammability: FMVSS 302 – PASS  
Temp: -30°C to + 110°C  
Uses: Air Filtration  
Colour: Black |
| FT-S30FR | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 30PPI  
Density: 34±3kg/m³  
Flammability: FMVSS 302 – PASS  
Temp: -30°C to + 110°C  
Uses: Air Filtration  
Colour: Black |
| FT-S45FR | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 45PPI  
Density: 33±3kg/m³  
Flammability: FMVSS 302 – PASS  
Temp: -30°C to + 110°C  
Uses: Air Filtration  
Colour: Black |
| FT-S60FR | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 60PPI  
Density: 31±3kg/m³  
Flammability: FMVSS 302 – PASS  
Temp: -30°C to + 110°C  
Uses: Air Filtration  
Colour: Black |
| FT-S80FR | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 80PPI  
Density: 33±3kg/m³  
Flammability: FMVSS 302 – PASS  
Temp: -30°C to + 110°C  
Uses: Air Filtration  
Colour: Black |
| FT-S90 | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 90PPI  
Density: 33±3kg/m³ |
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| FT-T30 | Polyether | Controlled Open Cell Reticulated Foam  
Porosity: 30PPI  
Density: 25kg/m³ Nominal  
Temp: -30°C to + 110°C  
Uses: Water and Air Filtration  
Colour: Black, Blue |
| FT-T10 | Polyether | Controlled Open Cell Reticulated Foam  
Porosity: 10PPI  
Density: 25kg/m³ Nominal  
Temp: -30°C to + 110°C  
Uses: Water and Air Filtration  
Colour: Black, Blue |
| FT-T45 | Polyether | Controlled Open Cell Reticulated Foam  
Porosity: 45PPI  
Density: 25kg/m³ Nominal  
Temp: -30°C to + 110°C  
Uses: Water and Air Filtration  
Colour: Black, Blue |
| FT-T20 | Polyether | Controlled Open Cell Reticulated Foam  
Porosity: 20PPI  
Density: 25kg/m³ Nominal  
Temp: -30°C to + 110°C  
Uses: Water and Air Filtration  
Colour: Black, Blue |
| FT-T60 | Polyether | Controlled Open Cell Reticulated Foam  
Porosity: 60PPI  
Density: 30kg/m³ Nominal  
Temp: -30°C to + 110°C  
Uses: Water and Air Filtration  
Colour: Black, Blue |
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| FT-T130 | Polyether | Controlled Open Cell Reticulated Foam  
Porosity: 30PPI  
Density: 25kg/m³ Nominal  
Temp: -30°C to + 110°C  
Uses: Water and Air Filtration  
Colour: Black, Blue, Beige |
| FT-T145 | Polyether | Controlled Open Cell Reticulated Foam  
Porosity: 45PPI  
Density: 25kg/m³ Nominal  
Temp: -30°C to + 110°C  
Uses: Water and Air Filtration  
Colour: Black, Blue |
| FT-T160 | Polyether | Controlled Open Cell Reticulated Foam  
Porosity: 60PPI  
Density: 30kg/m³ Nominal  
Temp: -30°C to + 110°C  
Uses: Water and Air Filtration  
Colour: Black, Blue |
Performance Filter Foam Materials

Supply Options: Sheets, laminates and finished parts cut to your design
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| FT-S3HI-FI | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 35PPI  
Density: 28-32kg/m³  
Temp: -30°C to +110°C  
Uses: Hi-Fi Speaker Grills  
Colour: Intense Black |
| FT-JET9 | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 80PPI  
Density: 60kg/m³  
Temp: -30°C to +110°C  
Uses: Inking Rollers, Ink Jet Cartridges, Stamping Pads  
Colour: Cream |
| FT-JET6 | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 80PPI  
Density: 90kg/m³  
Temp: -30°C to +110°C  
Uses: Inking Rollers, Ink Jet Cartridges, Stamping Pads  
Colour: Cream |
| FT-JET19 | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 80PPI  
Density: 90kg/m³  
Temp: -30°C to +110°C  
Uses: Inking Rollers, Ink Jet Cartridges, Stamping Pads  
Colour: Cream |
| FT-3COM | Polyester | Compressed, Controlled Open Cell Reticulated Foam  
Porosity: 80PPI  
Density: 90kg/m³  
Temp: -30°C to +110°C  
Uses: Inking Rollers, Ink Jet Cartridges, Stamping Pads  
Colour: Cream |
| FT-JET9 | Polyester | Compressed, Controlled Open Cell Reticulated Foam  
Porosity: 80PPI  
Density: 150kg/m³  
Temp: -30°C to +110°C  
Uses: Inking Rollers, Stamp Pads  
Colour: Cream |
| FT-60RCF | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 60PPI  
Density: 31±3kg/m³  
Temp: -30°C to +110°C  
Uses: Specialist Filters  
Colour: Yellow, Red, Green and Blue |
| FT-60RCF | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 60PPI  
Density: 31±3kg/m³  
Temp: -30°C to +110°C  
Uses: Specialist Filters  
Colour: Yellow, Red, Green and Blue |
| FT-HME | Heat Moisture Exchange | Polyether Controlled Open Cell Reticulated Foam  
Porosity: 60-70PPI  
Density: 60kg/m³ Nominal  
Temp: -30°C to +110°C  
Uses: Respiratory Filters  
Colour: Cream |
| FT-IMPREN-VO | Polyester | Polyether Controlled Open Cell Impregnated  
Porosity: 20, 30 and 45PPI  
Density: 44kg/m³ Nominal  
Temp: -30°C to +110°C  
Uses: Specialist Air Filters  
Flammability: BS476 Part 7 Class 1, (Indicative) UL94-HF1, FMVSS. 302-SE  
Colour: Black |
| FT-IMPREN-ALU | Polyester | Polyether Controlled Open Cell Impregnated  
Porosity: 20, 30 and 45PPI  
Density: 44kg/m³ Nominal  
Temp: -30°C to +110°C  
Uses: Specialist Air Filters  
Flammability: BS476 Part 7 Class 1, (Indicative) UL94-HF1, FMVSS. 302-SE  
Colour: Black |
| FT-RETIC PPI | Polyester | Polyether Controlled Open Cell Semi-Rigid Impregnated Reticulated Foam  
Porosity: 20, 30 and 45PPI  
Density: 33-42kg/m³ Nominal  
Temp: -30°C to +110°C  
Colour: Black |
| FT-JET9 | Polyester | Controlled Open Cell Carbon Impregnated Reticulated Foam  
Porosity: 20, 30 and 45PPI  
Density: 33-42kg/m³ Nominal  
Temp: -30°C to +110°C  
Colour: Black |
| FT-ACF | Polyester | Controlled Open Cell Carbon Impregnated Reticulated Foam  
Porosity: 20, 30 and 45PPI  
Density: 33-42kg/m³ Nominal  
Temp: -30°C to +110°C  
Colour: Black |
| FT-5COM | Polyester | Controlled Open Cell Semi-Rigid Impregnated Reticulated Foam  
Porosity: 20, 30 and 45PPI  
Density: 50kg/m³ Nominal  
Uses: Self Supporting Filters  
Flammability: FMVSS. 302 – Pass  
Colour: Black |
| FT-RETIC PPI SR | Polyester | Controlled Open Cell Semi-Rigid Impregnated Reticulated Foam  
Porosity: 20, 30 and 45PPI  
Density: 50kg/m³ Nominal  
Uses: Self Supporting Filters  
Flammability: FMVSS. 302 – Pass  
Colour: Black |
| FT-60RCF | Polyester | Controlled Open Cell Reticulated Foam  
Porosity: 60PPI  
Density: 31±3kg/m³  
Temp: -30°C to +110°C  
Uses: Specialist Filters  
Colour: Yellow, Red, Green and Blue |