**‘Screen Pack’ Tramp Metal Filter**

Screens out harmful contaminant that may clog orifice of hot runner moulds

Provides huge, unattended filtering capacity due to large surface area of filter disc. Total 135 holes with 0.8mm minor diameter filter contaminants greater in size than 0.8mm

For all makes and models of injection moulding machines. Screens out harmful material that may clog orifice of hot runner moulds. 51mm diameter filter disc has 135 holes for maximum removal of contaminants and minimum drop in pressure. Use in place of your regular nozzle. We have the size for your machine.

Complete assembly includes threaded end mount, 51mm x 9.5mm filter disc, removable tip type nozzle and hardened tool steel removable nozzle tip to suit your application.

Complete parts includes

- 2½"-12 thread
- Overall length to suit
- Rear opening
- 90mm dia. for heater band
- 16mm dia. for heater band
- Specify radius and orifice
- 38mm dia. for heater band

Main body uses 3½" X 1½" NB3515 heater (or 90 X 30 R9030)

Filter Disk
Note: although the disk is reversible, we recommend that the small holes face towards the rear of the nozzle (see drawing on facing page).

This configuration provides easier cleaning.

Replacement
filter disk SPFD1

Specify thread size, radius, orifice, make & model of machine.
For thermocouple hole, specify thread.

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### Filter Nozzles

**Orifice (mm)**

- 1.5
- 2.5
- 3
- 4
- 5
- 6
- 8
- 9
- 9.5

**Part no suffix**

- I
- J
- K
- L
- M
- N
- O
- P

*Note: 1.5 & 2.5mm orifice only available in GP tip.*
Filter Nozzles

‘Screen Pack’ Tramp Metal Filter

Threaded Adaptor to suit your machine.

Filter Disk SPFD1
51mm x 9.5mm disc.
135 holes, filter hole dia 0.8mm. Total flow area 70sq. mm

Nozzle uses
38mm x 40mm heater
(e.g. R3840175C) or NB1515

Uses Standard Removable Tip

Body uses up to
90mm x 50mm heater
(e.g. R9030) or NB3515

Complete assembly part number:

<table>
<thead>
<tr>
<th>Machine Thread Size</th>
<th>Type</th>
<th>Part No</th>
<th>Part No</th>
</tr>
</thead>
<tbody>
<tr>
<td>up to 50mm</td>
<td>General Purpose or Nylon</td>
<td>SPFNA</td>
<td>SPF1</td>
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<tr>
<td>over 50mm</td>
<td>ABS full taper</td>
<td>SPFNC</td>
<td>SPF1C</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>SPF2C</td>
</tr>
</tbody>
</table>

Filter Disk SPFD1
51mm x 9.5mm filter disc with
135 holes, minor diameter
0.8mm (filter hole size) total flow area 70sq. mm

Description Part No
51 x 9.5 Filter disk, 135 holes SPFD1

Assembly SPF1 or SPF2 consists of:

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>MTN1A</td>
<td>Adaptor to suit machine,</td>
</tr>
<tr>
<td>MTN1</td>
<td>Nozzle</td>
</tr>
<tr>
<td>SPFD1</td>
<td>Filter</td>
</tr>
<tr>
<td>GP1, 2, 3 or 4</td>
<td>Tip</td>
</tr>
</tbody>
</table>

Price Promise
We will not be beaten on price for similar product with the same quality and specification.

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Small Screen Pack Nozzle Adaptor

For all makes and models of injection moulding machines
New design nozzle filter for tramp metal provides all the benefits of huge filtering capacity and from-stock shipment, to get you running without delay. Uses standard Adaptors with thread to suit your machine, standard nozzles, with 1 3/4" thread and regular 7/8" - 14 replacement tips.

Note: standard pricing for male threads to 50mm. For female threads and threads over 50mm, please call our technical help line.

If your nozzle thread specification is not listed in our standard removable nozzle section, please complete the dimensional data drawing for ordering nozzles and fax to 01536 400003

<table>
<thead>
<tr>
<th>Item description</th>
<th>Part no</th>
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<tbody>
<tr>
<td>Adaptor</td>
<td>TMPA</td>
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<tr>
<td>Filter</td>
<td>TMF40</td>
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<tr>
<td>5&quot; Nozzle</td>
<td>V55A</td>
</tr>
</tbody>
</table>

Special Filters:
We have over 40 years experience in the plastics industry and we manufacture and supply from our own workshop various specially designed filters, mixing solutions and screwtips to suit individual customer applications; If you don’t see what you need in this catalogue, please call and talk with one of our engineers...we are happy to develop a solution to respond to your requirements