Cylindrical Filters

- Ideal for use with regrind material
- Three Different Sizes
- For Use With Removable Tip Nozzles
- Different Steels Available
- 1000's Sold Around the World
- Easy to remove and clean
- Hasco and Kona Compatible
- Filtered Material Trapped away from Melt Flow
- High Performance Filtration

The melt flow is forced through a melt hole and down a dead end groove, whereby it is forced over a weir which may be grooved for extra flow and filtration if necessary. Any contamination is trapped over the weir or between the “teeth” of the grooves. The “linear” style of the filter and its standard length of 67 mm makes it easy to clean and ensures long operational cycles before cleaning is required.

Hasco Compatible ETF0
Dia: 14 mm Length: 45 mm
Dimensionally compatible with the Hasco Z10P small filter. Small tonnage, small shot machines, low viscosity materials. Traps contaminants away from melt flow. Uses standard 7/8”-14 tip

NM Standard ETF1
Dia: 16 mm Length: 67 mm
For small, medium and some large (800 tonne) machines, using low viscosity materials. Long linear edge ensures long operating time before its next clean. Will also mix material for homogenised melt. Uses standard 7/8”-14 tip

KONA F-BIG Compatible ETF2
Dia: 22.0 mm Length: 101.6 mm
Large size for high tonnage machines, high viscous/heat sensitive materials or large shot weights. Needs a special KL1 style tip. Uses oversize 1 1/4”-8 KN tip

<table>
<thead>
<tr>
<th>Description</th>
<th>Material</th>
<th>Part no</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Hasco Compatible Filter</td>
<td>316 Stainless Steel Nitrided H13 Steel HF800 Powder Metallurgy</td>
<td>ETFOS ETFON EFTP</td>
</tr>
<tr>
<td>Standard Filter</td>
<td>316 Stainless Steel Nitrided H13 Steel</td>
<td>ETF1S ETF1N</td>
</tr>
<tr>
<td>Large Filter</td>
<td>HF800 Powder Metallurgy</td>
<td>ETFLP</td>
</tr>
</tbody>
</table>

To Order:
Determine regular nozzle required for your machine and add:
- Filter from table left
- Nozzle tip (state radius and orifice)
Complete assembly includes body with machined recess, filter and a tip with a radius and orifice of your choice

When ordering, please state radius and orifice. To complete part number, add Radius and Orifice Suffixes as shown below.

Radius sizes:
- 35mm (8)
- 25mm (7)
- 15mm (6)
- 13mm (5)
- 10mm (4)
- 7mm (3)

Orifice (mm):
- 1.5
- 2.5
- 3
- 4
- 5
- 6
- 8
- 9.5

Part no suffix:
- P

note: 1.5 & 2.5mm orifice only available in GP tip
The Tru-Filter plug consists of blind holes with melt entering from screw end and additional blind holes with melt exiting to mould (or nozzle orifice). A 0.38mm clearance space, between nozzle I.D. and plug O.D., provides filtering action to prevent contaminants from reaching the moulded part.

- Easily removed (and replaced) for cleaning.
- Excellent filtering for particles greater than 0.38mm
- Extended filter area provides long operation cycles before removal and cleaning are required.
- Provides additional benefit of significant mixing of melt stream with minimum back-pressure.

Filter inserts into recess in Nozzle. Note: Styles B & C require oversize KN series tip with 1¼”-12 thread

3 Sizes to suit your application:

Filter element:     | length | dia
Style A: TPF1      | 38mm   | 14.3mm
Style B: TPF2      | 90mm   | 22.2mm
Style C: TPF3      | 150mm  | 28.6mm

FOR SMALL SHOTS
For shot size under 400gm. when moulding low viscosity, unfilled materials. 14.3mm diameter filter plug with 0.38mm clearance for filtering out contaminants as well as mixing. Do not use with nozzle orifice larger than 5mm.

FOR MEDIUM SHOTS
Recommended for most moulding applications. Suitable for shot sizes up to 900gm. (generally used with 250gm to 800gm. shots) of medium to low viscosity unfilled materials. 22.2mm diameter filter plug and 19mm diameter nozzle flow path. Uses standard KN series tips with 1¼”-12 thread. Available with 0.38mm filter gap clearance as standard.

FOR LARGE SHOTS
Recommended only for shot sizes in excess of 850gm of medium to low viscosity unfilled materials. 28.6mm diameter filter plug and 19mm diameter flow path. Adaptor permits use of our standard KN series tips with 1¼”-12 thread. Available with 0.38mm filter gap clearance as standard. No restrictions to nozzle orifice size.

When ordering, please state radius and orifice. To complete part number, add Radius and Orifice Suffixes as shown below.

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<th>Orifice (mm)</th>
<th>1.5</th>
<th>2.5</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>9.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part no suffix:</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
<td>F</td>
<td>G</td>
<td>H</td>
</tr>
</tbody>
</table>

Radius sizes:
35mm (8)
34mm (9)
33mm (10)
15mm (6)
1/8” Radius (12.7mm) (5)

Note: 1.5 & 2.5mm orifice only available in GP tip

How to order
1. Specify make and model of machine
2. Advise overall length (OAL) and style (A, B or C)
3. Specify radius and orifice.

Options
1. T/C hole on hex flat: included
2. Extended tips available
3. Heaterbands available for all nozzles.
   Contact factory for proper size and price.