TYPICAL APPLICATIONS

- Transmissions
- Axles / Differentials
- Power Transfer Units / Transfer Cases
- Limited Slip Couplings / E-LSDs
- Traction Motors

FEATURES & BENEFITS

Combined filtration and venting technology for state-of-the-art component protection

- Oleophobic and hydrophobic Tetratex™ ePTFE membrane equalizes pressure while protecting components from external contaminants like water, dirt and road salt
- Proprietary Synteq XP™ coalescing pre-filter keeps oil aerosols from escaping allowing components to perform as intended

Reduced manufacturing costs and simplified design

- Simple, direct attachment vents fit directly into a drivetrain component or connects to a simplified hose configuration
- Hydrophobic technology allows vent to be located below a vehicle’s water fording line eliminating the need for complex hose routings

Flexibility of Integration

- Two standard attachment designs allow integration flexibility
  - Screw-Fit design integrates directly into a component reducing the number of required parts and providing a compact, low profile design
  - Hose-Fit design fits onto the end of a hose, allowing for easy incorporation into existing drivetrain designs while reducing tubing length, eliminating parts and streamlining installation time
- Core technology can be tailored for unique applications
## PRODUCT OFFERING

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Screw-Fit PTV</th>
<th>Hose-Fit PTV Small</th>
<th>Hose-Fit PTV Medium</th>
<th>Hose-Fit PTV Large</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number</td>
<td>P517364</td>
<td>P516437</td>
<td>P516434</td>
<td>P516090</td>
</tr>
<tr>
<td>Attachment Method</td>
<td>Screwed into housing</td>
<td>Applied on hose end</td>
<td>Applied on hose end</td>
<td>Applied on hose end</td>
</tr>
<tr>
<td>Body Material</td>
<td>PA66 GF33</td>
<td>PA66 GF33</td>
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<td>PA66 GF33</td>
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<tr>
<td>Membrane*</td>
<td>Tetratex™</td>
<td>Tetratex</td>
<td>Tetratex</td>
<td>Tetratex</td>
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<tr>
<td>Pre-Filter**</td>
<td>Synteq™ XP</td>
<td>Synteq XP</td>
<td>Synteq XP</td>
<td>Synteq XP</td>
</tr>
<tr>
<td>Water Entry Pressure</td>
<td>&gt;480 mbar (&gt;7 psi)</td>
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</tr>
<tr>
<td>Typical Airflow</td>
<td>3.7 L/min @ 70 mbar [1 gpm @ 1 psi]</td>
<td>6.0 L/min @ 70 mbar [1.6 gpm @ 1 psi]</td>
<td>5.3 L/min @ 70 mbar [1.4 gpm @ 1 psi]</td>
<td>4.5 L/min @ 70 mbar [1.2 gpm @ 1 psi]</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C to 150°C [-40°F to 302°F]</td>
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*High airflow ePTFE laminate
**Oleophobic coalescing media

Note: All dimensions are in millimeters

**Standard Attachment Designs & Sizes Available:**

- Screw-Fit Small
- Hose-Fit Small
- Hose-Fit Medium
- Hose-Fit Large

- M20 x 1.5
- 24 HEX
- 30
- 8
- Ø 2.6
- Ø 19.4
- 4.212
- 17.25
- 17.25
- 10
- 10
- 30.5
- 30.6

- Water entry pressure: >480 mbar (>7 psi)
- Typical airflow: 3.7 L/min @ 70 mbar (1 gpm @ 1 psi)
- Operating temperature: -40°C to 150°C (-40°F to 302°F)
Donaldson is IATF 16949:2016 certified and our focus is on high quality manufacturing, responsive customer service, and tailored solutions that can be easily integrated into our customer’s device or application. Our unique, proprietary membrane and oleophobic treatment processes allow us to select the best types of materials to meet your application requirements.

Donaldson Company is a leading global provider of filtration products, with sales and manufacturing of venting products in the U.S., Europe and Asia. Let Donaldson be your partner in problem-solving.