The AT(L) range comprises of Tungsten Carbide lined short venturi nozzles with Aluminium Jackets. Tungsten Carbide is the liner material of choice for the majority of contractors due to long life and impact resistance - the Aluminium Jacket (adds to the rugged character of the nozzle).

This range is designed to fit to 13 mm (½”) blast hose and to be used on 18 liter blast pots or in blast cabinets. The ATL nozzles have a large thread (28 mm) and the AT nozzles have a finer thread (26 mm).

Airblast high velocity venturi style nozzles have been designed to maximize blast cleaning rates and provide uniform abrasive distribution. The venturi design accelerates the air / abrasive mix as it exits the nozzle providing additional momentum – this can increase productivity and reduce abrasive consumption by up to 40% when compared with straight bore nozzles.

Airblast offers a full selection of nozzles with various orifice sizes, nozzle lengths, insert and liner materials. Contact Airblast to discuss which nozzle is most suitable for your specific application.
AT-3 TC Nozzle with fine 26 mm thread
ATL-3 TC Nozzle with large 28 mm thread
13.0 mm
45 mm
45 mm
6.5 mm
13 mm
Inlet
45 mm
AT-2 TC Nozzle with fine 26 mm thread

ATL-4 TC Nozzle with large 28 mm thread

ATL-8 TC Nozzle with large 28 mm thread

ATL-6 TC Nozzle with large 28 mm thread

13 mm
13 mm

13 mm

NOTE:
* Based on abrasive density of 1.5 kgs. per liter.

Chart shows calculated consumption rates of air and abrasive for new nozzles. When selecting a compressor add 50% to above figures to allow for normal nozzle wear and friction loss.

* Based on abrasive density of 1.5 kgs. per liter.

NOTE: Figures may vary depending upon working conditions. To maintain desired air pressure as nozzle orifice wears, air consumption increases.

The effects of nozzle wear on air consumption must be considered when selecting nozzles and the compressors that support them.

AT(L) - Tungsten Carbide Short Nozzles with Aluminium Jacket

Part no. | Description | Orifice | Lenght | Inlet |
---|---|---|---|---|
2085000 | AT-2 TC Nozzle with fine 26 mm thread | 3.2 mm | 45 mm | 13 mm |
2086000 | AT-3 TC Nozzle with fine 26 mm thread | 4.8 mm | 45 mm | 13 mm |
2087000 | AT-4 TC Nozzle with fine 26 mm thread | 6.5 mm | 45 mm | 13 mm |
2088000 | AT-5 TC Nozzle with fine 26 mm thread | 8.0 mm | 45 mm | 13 mm |
2089000 | AT-6 TC Nozzle with fine 26 mm thread | 9.5 mm | 45 mm | 13 mm |
2090000 | AT-8 TC Nozzle with fine 26 mm thread | 13.0 mm | 45 mm | 13 mm |
2085100 | ATL-2 TC Nozzle with large 28 mm thread | 3.2 mm | 45 mm | 13 mm |
2086100 | ATL-3 TC Nozzle with large 28 mm thread | 4.8 mm | 45 mm | 13 mm |
2087100 | ATL-4 TC Nozzle with large 28 mm thread | 6.5 mm | 45 mm | 13 mm |
2088100 | ATL-5 TC Nozzle with large 28 mm thread | 8.0 mm | 45 mm | 13 mm |
2089100 | ATL-6 TC Nozzle with large 28 mm thread | 9.5 mm | 45 mm | 13 mm |
2090100 | ATL-8 TC Nozzle with large 28 mm thread | 13.0 mm | 45 mm | 13 mm |

COMPATIBILITY GUIDE

<table>
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<th>No.</th>
<th>Nozzle Orifice</th>
<th>Recommended range</th>
<th>Minimum Blast Machine capacity</th>
<th>Minimum Pipe ID</th>
<th>Blast Hose ID</th>
<th>Minimum Air Hose ID</th>
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<tr>
<td>3</td>
<td>5.0 mm</td>
<td>1.27 - 2.29</td>
<td>60 ltr.</td>
<td>1”</td>
<td>1”</td>
<td>1”</td>
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<tr>
<td>4</td>
<td>6.5 mm</td>
<td>2.29 - 3.88</td>
<td>60 ltr.</td>
<td>1”</td>
<td>1”</td>
<td>1”</td>
</tr>
<tr>
<td>5</td>
<td>8.0 mm</td>
<td>3.88 - 5.55</td>
<td>100 ltr.</td>
<td>1¼”</td>
<td>1¼”</td>
<td>1⅛”</td>
</tr>
<tr>
<td>6</td>
<td>9.5 mm</td>
<td>5.55 - 7.19</td>
<td>200 ltr.</td>
<td>1¼”</td>
<td>1¼”</td>
<td>1⅛”</td>
</tr>
<tr>
<td>7</td>
<td>11.0 mm</td>
<td>7.19 - 9.57</td>
<td>200 ltr.</td>
<td>1¼”</td>
<td>1¼”</td>
<td>1⅛”</td>
</tr>
<tr>
<td>8</td>
<td>12.5 mm</td>
<td>9.57 - 15.52</td>
<td>200 ltr.</td>
<td>1¼”</td>
<td>1¼”</td>
<td>1⅛”</td>
</tr>
</tbody>
</table>

ORIFICE (mm) (*)

| 5.0 mm | 3/16" | 30.0 | 0.85 | 33.0 | 9.80 | 21.60 | 60.00 | 41.00 | 108.00 | 264.00 | 120.00 | 735.00 | 375.00 |
| 6.5 mm | 1/8" | 312.0 | 1.53 | 61.0 | 160.0 | 408.0 | 185.0 | 448.0 | 203.0 | 494.0 | 224.0 | 660.0 | 162.0 |
| 8.0 mm | 5/32" | 534.0 | 2.52 | 110.0 | 286.0 | 672.0 | 305.0 | 740.0 | 335.0 | 850.0 | 385.0 | 1050.0 | 476.0 |
| 9.5 mm | 3/32" | 764.0 | 3.57 | 143.0 | 392.0 | 960.0 | 425.0 | 1052.0 | 477.0 | 1152.0 | 533.0 | 1475.0 | 669.0 |
| 11.0 mm | 1/4" | 1010.0 | 4.81 | 184.0 | 533.0 | 1312.0 | 595.0 | 1448.0 | 657.0 | 1584.0 | 719.0 | 2050.0 | 930.0 |
| 12.5 mm | 5/32" | 1.336.0 | 6.34 | 252.0 | 714.0 | 280.0 | 793.0 | 3090.0 | 842.0 | 2024.0 | 918.0 | 2050.0 | 1202.0 |

NOTE:

- Hose ID should be three to four times the size of the nozzle orifice.
- Blast machine capacity should allow 20 to 30 minutes of blasting.
- Hose ID should be three to four times the size of the nozzle orifice.

The right is reserved to make changes at any time without notice.