

# Not All Abrasives Are Equal

The final performance and result is greatly influenced by the abrasive selected. Danville only sells the highest quality medical grade alpha alumina. Particles are precisely sized and desiccated for an even flow and an efficient cut. Poorly graded abrasives can clog equipment or cause intermittent flow, due to the presence of oils, contaminants and even slight moisture content.

27 Micron 1 lb.  
Ref # 80042A



90 Micron 1 lb.  
Ref # 16101



SA-85 Micron 1 lb.  
Ref # 14001



50 Micron 1 lb.  
Ref # 15301



90 Micron 1 lb.  
Ref # 15201



Abrasive	Application	For Use In	Part No.
Aluminum Oxide (white)	Bonding & cavity prep. General use, metal, porcelain, acrylic, composites & metals.	PrepStart, PrepStart H <sub>2</sub> O	80042A (27 μm)
	Bonding & cavity prep. General use, metal, porcelain, acrylic, non-metal surfaces.	MicroEtcher PrepStart PrepStart H <sub>2</sub> O	15301 (50 μm)
Aluminum Oxide (tan)	Bonding prep. Metal surfaces only. Fast cement removal from crowns & brackets.	MicroEtcher	15201 (90 μm)
Glass Beads	Not for bonding prep. Creates satin luster on metal surfaces and removes plaque from dentures.	MicroEtcher	16101 (90 μm)
Microprophy B Sodium Bicarbonate	Sodium bicarbonate. Spearmint flavor, no surfactant. Prophylaxis cleaning.	All air polishers	17011 (90 μm)
Microprophy B+ Sodium Bicarbonate	Sodium bicarbonate. Spearmint flavor, with surfactant. Prophylaxis cleaning.	Microprophy only	17001 (90 μm)
Orthoprophy SA-85 Soft Alumina	Resin removal. Remove orthodontic, pit and fissure resins, ceramic bracket cement, temporary cement.	MicroEtcher	14001 (85 μm)



# Hook Up Guide

## MicroEtcher & MicroProphy Quick Disconnects

**Quick Disconnect Installation.** The MicroEtcher and MicroProphy are designed to operate over a pressure range of 50 to 120 psi. Either can be installed using one of three options: a Quick Disconnect Kit, a Laboratory Quick Disconnect or a Handpiece Adapter. A review of the following information will help you decide which adapter is best suited to your needs. Higher pressures will lead to superior performance.

### Option 1

**Quick Disconnect Kit:** The Quick Disconnect Kit is designed to be used in the operatory for chairside sandblasting. The kit consists of a female disconnect, a tee which is spliced into the line coming from the compressor before the pressure regulator (i.e., junction box or cart), and a separate male connection. The male connection is installed on the end of the MicroEtcher tubing. A tee (with the female connection) may be installed in more than one operatory so that the MicroEtcher with its male disconnect may be used in each room.

### Option 2

**Lab Quick Disconnect Kit:** In the laboratory there is generally an air line with 80 - 100 psi pressure. If an air jet (stopcock) is present, the Lab Quick Disconnect with its female disconnect is designed to be permanently installed on it. The male disconnect is installed on the end of the MicroEtcher tubing. With a female Quick Disconnect installed in the lab, and also in the operatory, the MicroEtcher can be used in both places.

### Option 3

**Handpiece Adapter:** If there is an extra handpiece line in the operatory which can be adjusted to 50 or more psi, the handpiece adapter can be installed on the end of the MicroEtcher tubing.

Air Source 50 - 120 Psi (3.5 - 8 Bars)	Description	Diagram
<p>Chairside The barbed tee is installed directly in the incoming air line, either in the cart or in the junction box. Cut the air line to install the tee.</p>	<p>Quick Disconnect Kit Male &amp; female with barbed tee for 1/4" air line.*</p> <p>PN 44000</p> <p>Male Only Quick Disconnect PN 44020</p>	<p>Initial Hook Up Kit</p>  <p>Female                      Barbed Tee</p>  <p>Male</p>
<p>Chairside As above.</p>	<p>Female Only Quick disconnect with barbed tee for 1/4" air line.*</p> <p>PN 44010</p>	<p>Secondary Outlet Kits</p>  <p>Female                      Barbed Tee</p>
<p>Laboratory Stopcock Slip tubing end over the stopcock.</p>	<p>Female Only Quick disconnect with plastic tee.</p> <p>PN 44017</p>	 <p>Female                      Slip Over Stopcock</p>
<p>Handpiece Line Screw on the adapter. Adjust the air pressure.</p>	<p>4-5 Hole Handpiece Adapter PN 44075</p>	 <p>Screw on Outlet</p>
<p>Handpiece Adapter Kavo Style</p>	<p>Kavo Adapter PN 201431-00</p>	 <p>Screw on Outlet</p>

\* Special hook up connections, i.e., tees, plastic and copper lines are also available. Contact our Customer Service Department for assistance.

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