“Graco equipment is known for its reputation and accessibility for parts and accessories. I am always assured of them having the tips, hoses and repair kits necessary, regardless of where I am. I purchased Graco because of the quality and pride manufactured into their products.”

- Bill Hogan -
A-One Painting
Mountain Home, Idaho

Essential Tools for Maximum Productivity and Performance

Airless Accessories

Airless Spray Guns
Gun and Hose Kits
Airless Tips
Tip Guards, Seals & Gaskets
Airless Hose & Hose Fittings
Pressure Rollers & Accessories
Pole Guns & Accessories
Strainers & Filters
Fluids and Pump Lowers

JetRoller
Lightweight and portable, the JetRoller consists of a spray roller, a spray extension and a hand roller in one complete kit. It fits existing airless sprayers and is the ideal time-saving addition to your painting arsenal.

The JetRoller combines rolling and spraying into one action, saving time and labor on spray/back roll projects. Ideal for rough or porous surfaces, the JetRoller minimizes overspray and delivers a consistent quality finish.

JetRoller System 246170
INCLUDES
• 23 cm Roller Handle Assembly
• 35 cm Roller Handle Extension
• 50 cm Heavy Duty Extension
• CleanShot Shut-Off Valve
• Rac X 721 Switch Tip and Guard

JetRoller System 246172
INCLUDES
• 27 cm Roller Handle Assembly
• 35 cm Roller Handle Extension
• 50 cm Heavy Duty Extension
• CleanShot Shut-Off Valve
• Rac X 721 Switch Tip and Guard
• Contractor In-Line Valve

JetRoller System 246185
INCLUDES
• 27 cm Roller Handle Assembly
• 35 cm Roller Handle Extension
• 50 cm Heavy Duty Extension
• CleanShot Shut-Off Valve
• Rac X 721 Switch Tip and Guard
• Contractor In-Line Valve

JetRoller System 248128
INCLUDES
• 46 cm Adjustable Roller Handle Assembly
• 30 cm Roller Handle Extension
• 50 cm Heavy Duty Extension
• CleanShot Shut-Off Valve
• WR 1223 Switch Tip and Guard
• Contractor In-Line Valve

JetRoller Parts/Accessories:
23 cm Roller Handle Assembly 249293
27 cm Roller Handle Assembly 249651
35 cm Roller Handle 249832
Extension 45° Adapter 224399
1.8 m BlueMax II Whip Hose 230569
46 cm Roller Handle Assembly 249010
The Contractor and FTx Guns from Graco are designed to be the longest lasting, most reliable airless spray guns! You’ll get the maximum performance, reliability and comfort that you’ve come to expect from Graco.

**Exclusive FlexSeal Design**
- Totally enclosed needle design (patent pending) eliminates exposure to fluid and extends needle life by 70%
- Fluid pushes on seal to quickly shut-off needle and reduce spitting
- Spring located outside fluid path for less fluid restriction and better flow

**Modular Needle Cartridge**
- Easiest gun to service on the market
- Simply remove trigger cross pin and unthread front housing to change out needle

**Ergonomic Contractor Gun Handle**
- Form-fit handle provides maximum control and comfort while spraying
- Overall weight is lighter than other airless guns on the market, reducing operator fatigue

**Trigger Lock & Gun Trigger**
- Smooth, lightweight trigger pull with simple, thumb-engaged safety lock
- Contractor 2-finger trigger provides more control of the gun while spraying

**Detachable Trigger Guard**
- Detaches from bottom and swings clear of gun handle for easy access to gun filter

**Easy Out Gun Filter**
- Filters from the inside out to prevent filter from collapsing
- Interchangeable with Contractor II & FTx II Guns

**EasyGlide™ Swivel**
- Exclusive dual-seal swivel design reduces sealing friction under pressure, making this the best swivel on the market!

### Contractor & FTx Guns

**Exclusive FlexSeal™ Design**

- Revolutionary needle design has no exposure to paint, resulting in 70% longer life!
- Fluid pressure in the gun pushes on the FlexSeal to quickly shut-off needle.
- Needle is completely enclosed – paint no longer contacts the needle, reducing wear.

**Consistent Needle Shut-Off**
- Spring is outside of the fluid path to eliminate pack out and slow needle shut-off.

**Ergonomic Contractor Gun Handle**
- Contractor gun’s form-fitted handle maximizes operator control and comfort.

**Durable Nickel Finish**
- Premium nickel finish is corrosion resistant and easier to clean.

**Reduced Gun Spitting**
- Seat has been re-positioned closer to the tip, 60% “dead space” eliminated.
- Reduced amount of paint left between needle and tip for less spitting on next trigger pull.
- FlexSeal ensures quick shut-off.

---

**GRACO VS OTHER INDUSTRY-STANDARD NEEDLE DESIGNS**

<table>
<thead>
<tr>
<th>Graco’s FlexSeal Totally Enclosed Needle Design</th>
<th>Other Industry Standard Gun Needle Designs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paint flows directly on needle - Protecting Needle</td>
<td>Paint flows on the Seal - Protecting Needle</td>
</tr>
<tr>
<td>Completely Enclosed Needle Moves in &amp; Out</td>
<td>Exposed Needle Moves in &amp; Out</td>
</tr>
</tbody>
</table>

**Contractor Gun**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>TRIGGER</th>
<th>TIP INCLUDED</th>
<th>GUARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor Gun</td>
<td>288420</td>
<td>2-Finger</td>
<td>RAC X 517</td>
<td>RAC X</td>
</tr>
<tr>
<td>Contractor Gun</td>
<td>288425</td>
<td>4-Finger</td>
<td>RAC X 517</td>
<td>RAC X</td>
</tr>
<tr>
<td>Contractor Gun</td>
<td>288421</td>
<td>2-Finger</td>
<td>RAC S 517</td>
<td>RAC S</td>
</tr>
<tr>
<td>FTx Gun</td>
<td>288420</td>
<td>4-Finger</td>
<td>RAC X 515</td>
<td>RAC X</td>
</tr>
<tr>
<td>FTx Gun</td>
<td>288429</td>
<td>2-Finger</td>
<td>RAC X 515</td>
<td>RAC X</td>
</tr>
<tr>
<td>FTx Gun</td>
<td>288431</td>
<td>4-Finger</td>
<td>RAC S 515</td>
<td>RAC S</td>
</tr>
</tbody>
</table>

**FTx Gun**

- 4-finger gun trigger – full length trigger is easier to hold in continuous spray.
- Modular needle cartridge – easiest gun to service on the market.
- Totally enclosed needle design eliminates exposure to fluid and extends needle life.
The Silver Plus Airless Gun is known for its durability, long life, spraying performance and comfortable design. It is the preferred gun for high pressure applications.

**Lightweight, Rugged Design**
- Forged aluminum is durable to withstand harsh work environments
- Lighter weight than leading competitive guns
- Polished body is easy to clean

**Exclusive Needle Design**
- Factory set needle - no trigger adjustments needed
- Needle is guaranteed for life against breakage
- Maximum performance and long life

**2-Finger Trigger Design and Handle**
- Form fitted handle for less fatigue
- 2-finger design provides more control of gun while spraying

**Stainless Steel Fluid Tube**
- Fluid flows directly to the tip through the gun fluid tube - ability to spray heavier materials such as high solid coatings and mastics at up to 5000 psi (345 bar, 34.5 MPa)

**RAC X™ SwitchTip™ and HandTite™ Guard**
- Exceptional life, pattern and finish
- Seals when hand tightened - no tools required
- Quickly change from vertical to horizontal spray without loosening guard nut

**Light Viscosity Needle Kit**
- Included in Silver gun, part number 235462, or as an optional Needle Kit, part number 235475
- Provides faster shut-off which reduces spitting of light viscosity material

---

### Airless Spray Gun Specifications

#### Contractor Gun
- PART NUMBER: 235460
  - Trigger: 2-Finger
  - Tip: RAC X 517
  - Guard: RAC X

#### FTX Gun
- PART NUMBER: 288420
  - Trigger: 2-Finger
  - Tip: RAC X 517
  - Guard: RAC X

#### Silver Plus Gun
- PART NUMBER: 246240
  - Trigger: 2-Finger
  - Tip: RAC X 517
  - Guard: RAC X

- PART NUMBER: 243283
  - Trigger: 2-Finger
  - Tip: RAC 5 LineLazer™
  - Guard: RAC 5

- PART NUMBER: 235460
  - Trigger: Not Included
  - Tip: Flat Tip

- PART NUMBER: 235462
  - Trigger: Not Included
  - Tip: Fine Finish Flat Tip

#### Heavy Duty Texture Gun
- PART NUMBER: 241705
  - Trigger: 4-Finger
  - Tip: RAC X 531
  - Guard: Heavy Duty RAC

#### Flex Plus™ Gun
- PART NUMBER: 246000
  - Trigger: 2-Finger
  - Tip: RAC 5 LineLazer™
  - Guard: RAC 5

- PART NUMBER: 248137
  - Trigger: 2-Finger
  - Tip: Not Included
  - Guard: Flat Tip

#### SG3 Gun
- PART NUMBER: 240236
  - Trigger: 4-Finger
  - Tip: RAC 5 515
  - Guard: RAC 5

---

### Optional Accessories

- Whip hose provides more flexibility and increased operator comfort at the gun (238358).
- Gun Filter Housing w/ Replaceable Tip Filters (235960), 224464 or 224465 tip filters.
- Swivel for improved maneuverability at the gun (224415).

- Repair Kit: 288440
- Instruction Manual: 311861
- Fluid Orifice Diameter: 3.2 mm (0.125 in)
- Working Pressure: 3600 psi (240 bar, 24.8 MPa)

- Repair Kit: 235442
- Instruction Manual: 309741
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Repair Kit: 235443
- Instruction Manual: 309742
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Repair Kit: 235474
- Instruction Manual: 309743
- Fluid Orifice Diameter: 2.2 mm (0.087 in)
- Working Pressure: 3600 psi (240 bar, 24.8 MPa)

- Repair Kit: 242392
- Instruction Manual: 309740
- Fluid Orifice Diameter: 2.2 mm (0.087 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Repair Kit: 235475
- Instruction Manual: 309745
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Instruction Manual: 309741
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Instruction Manual: 309742
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Instruction Manual: 309743
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Instruction Manual: 309744
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Instruction Manual: 309745
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Instruction Manual: 309746
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Instruction Manual: 309747
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)

- Instruction Manual: 309748
- Fluid Orifice Diameter: 2.3 mm (0.090 in)
- Working Pressure: 5000 psi (345 bar, 34.5 MPa)
### Gun and Hose Kits

<table>
<thead>
<tr>
<th>Gun Type</th>
<th>Hose Type</th>
<th>Tip</th>
<th>Includes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor</td>
<td>6.4 mm x 15 m (1/4 in x 50 ft)</td>
<td>RAC X 517</td>
<td>HandTite Guard, 0.9 m (3 ft) Whip Hose</td>
</tr>
<tr>
<td>Contractor</td>
<td>9.5 mm x 15 m (3/8 in x 50 ft)</td>
<td>RAC X 517</td>
<td>HandTite Guard, 0.9 m (3 ft) Whip Hose</td>
</tr>
<tr>
<td>Contractor</td>
<td>9.5 mm x 15 m (3/8 in x 50 ft)</td>
<td>RAC 5</td>
<td>HandTite Guard, 0.9 m (3 ft) Whip Hose</td>
</tr>
<tr>
<td>FTX</td>
<td>6.4 mm x 15 m (1/4 in x 50 ft)</td>
<td>RAC X 515</td>
<td>HandTite Guard, HandTite Guard, 0.9 m (3 ft) Whip Hose</td>
</tr>
<tr>
<td>Silver Plus</td>
<td>6.4 mm x 15 m (1/4 in x 50 ft)</td>
<td>RAC X 517</td>
<td>HandTite Guard, 0.9 m (3 ft) Whip Hose</td>
</tr>
<tr>
<td>Silver Plus</td>
<td>9.5 mm x 15 m (3/8 in x 50 ft)</td>
<td>RAC X 517</td>
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</tr>
<tr>
<td>Silver Plus</td>
<td>9.5 mm x 15 m (3/8 in x 50 ft)</td>
<td>RAC X 517</td>
<td>RAC X 655 Tip, 0.9 m (3 ft) Whip Hose</td>
</tr>
<tr>
<td>Flex Plus</td>
<td>6.4 mm x 15 m (1/4 in x 50 ft)</td>
<td>RAC X 517</td>
<td>HandTite Guard, 0.9 m (3 ft) Whip Hose</td>
</tr>
<tr>
<td>HD Texture</td>
<td>9.5 mm x 15 m (3/8 in x 50 ft)</td>
<td>RAC X 531</td>
<td>RAC X 427 Tip, 0.9 m (3 ft) Whip Hose</td>
</tr>
<tr>
<td>HD Texture</td>
<td>9.5 mm x 15 m (3/8 in x 50 ft)</td>
<td>RAC X 531</td>
<td>RAC X 427 Tip, 0.9 m (3 ft) Whip Hose</td>
</tr>
<tr>
<td>Silver Plus</td>
<td>6.4 mm x 15 m (1/4 in x 50 ft)</td>
<td>RAC X 655 Tip</td>
<td>6.3 mm x 0.9 m (1/4 in x 3 ft) Whip Hose</td>
</tr>
<tr>
<td>Silver Plus</td>
<td>9.5 mm x 15 m (3/8 in x 50 ft)</td>
<td>RAC X 655 Tip</td>
<td>6.3 mm x 0.9 m (1/4 in x 3 ft) Whip Hose</td>
</tr>
<tr>
<td>HD Texture</td>
<td>9.5 mm x 15 m (3/8 in x 50 ft)</td>
<td>RAC X 655 Tip</td>
<td>6.3 mm x 0.9 m (1/4 in x 3 ft) Whip Hose</td>
</tr>
</tbody>
</table>

### Gun and Hose Kits and Adapters

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<tr>
<th>Gun Type</th>
<th>Hose Type</th>
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<td>HandTite Guard, 0.9 m (3 ft) Whip Hose</td>
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<td>HandTite Guard, 0.9 m (3 ft) Whip Hose</td>
</tr>
</tbody>
</table>

### GUN ADAPTERS

- **Gun Filter Housing** - connects to gun inlet for added filtration. Use tip filters 224454 and 224453. 1/4 in npsm(m), 1/4 in npsm(f), Maximum Working Pressure: 5000 psi (345 bar, 34.5 MPa)
- **Gun Swivel** - provides a swiveling joint between gun and hose for free gun movement. Install at gun inlet. 1/4 in npsm(m), 1/4 in npsm(f), Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)
- **Gun Adapter** - converts 17.5 mm (11/16 in) gun thread on competitive guns to accept the 22 mm (7/8 in) thread used on most Graco accessories.
How Do Tips Work?

- An airless sprayer pumps and pressurizes the paint without the use of air.
- The paint is then forced to go through the small orifice of the tip under high pressure (up to 350 bar).
- This process atomizes the paint in a controlled fan width and flow rate (same effect as placing your thumb on the end of a garden hose).

Why So Many Different Tips and Sizes?

You can compare it to choosing the right bit for your electric drill. There are bits designed for wood, bits for metal and bits for concrete. Each bit for each application comes in a variety of sizes. Using the wrong bit on the wrong surface does not work. With airless tips it is very similar.

Choosing the Right Tip

- decreases overspray
- provides more control
- results in less time to spend on the job
- less paint usage
- and higher profits

How to Choose the Right Tip?

Getting the most from your spray tip depends on several factors:

- The tip’s fan width
- The tip’s orifice size
- Your sprayer’s maximum output
- The type of paint you are spraying
- The type of surface you are spraying
- Tip wear

The Fan Width

of a tip is defined by it’s spray angle when spraying at 30 cm distance from the surface. The angle is indicated with one number only:

- 5 in this case corresponds to an angle of 50°.
- To obtain the fan width, multiply the number of the angle by 5.
- 5 x 5 = 25 cm fan width

Wide RAC®

The wider the spray pattern, the faster the surface is painted. Wide spraying greatly improves productivity. However, wide spraying is difficult to control and wide spray tips are not available in all sizes. Graco provides a special range of RAC X™ tips, WAxxxx, specifically cut to provide a superb result at a wide angle, saving you time.

The Orifice Size

defines the amount of paint that will flow through the tip. It is indicated by the last two digits:

- 17 in this case corresponds to a hole size of 0.017 of an inch or 0.43 mm
- Your actual flow rate will depend on your spraying pressure and the paint you are using: high pressure equals more flow; heavier paints equal less flow.

Every Sprayer Has A Maximum Output Level

It is important never to exceed the maximum spray tip size that your machine can handle. Example: if you require 4.4 l/min the smallest sprayer recommended is the UltraMax II 1095.

The pump produces:

- Paint flow
- Paint pressure

The tip defines:

- The spraying angle
- The spraying volume

This tip size tells the pump how hard it must work in order to maintain the desired pressure.

Tip wear

1110
Graco has developed a full-range RAC X SwitchTips product line to cover every application on the market today! RAC X SwitchTips include larger sizes for heavy-duty applications requiring 4000 psi (276 bar) and below, and smaller sizes for the finishing work.

**Best Tip on the Market (Blue Handle)**
- Premium airless tip line includes 107 RAC X SwitchTips for every application!
- Longest lasting fan pattern
- Highest quality finish with a consistent spray pattern
- Available in the most common tip sizes

**Easy to Identify Tip Size**
- Large raised tip size numbers are always legible – even when covered with paint

**Superior Tip Design**
- Locking tab ensures tip stays securely in guard
- “Snaps” tip in spray or reverse position
- OneSeal™ tip installs with no tools
- Solvent seal available when using extremely hot solvents

**RAC X - WideRAC (Blue Handle)**
- The WideRAC covers double the area in half the time - increased flow rate ensures the proper mil build
- WideRAC tips are made for high production, new construction applications which may require larger airless sprayers

**RAC X – Fine Finish (Green Handle)**
- Pre-orifice design improves the overall finish quality with finer atomization and soft edges for overlapping
- Can spray at lower pressures
- Pre-orifice and diffuser design easier to clean and less likely to plug
- Also includes solvent seal for extremely hot solvents

**Notes:**
- Too much paint?
  1. Fan width decreases
  2. Orifice size increases = more paint comes out
- Not enough paint?
  1. Fan width decreases
  2. Orifice size increases = more paint comes out

**Tip Wear and Will Need Replacement**
- The two main causes for tip wear are:
  1. Working pressure at the gun
  2. Abrasive material

To explain what tip wear is and what this means to your business, think again of the similarities between spray tips and drill bits. Have you ever tried to drill into concrete using a worn out bit? If you have, then you know that it takes much longer to drill, takes much more effort and the drilled hole ends up being very unprofessional. It is the same with continuing to spray with a worn out tip.

What happens when a tip wears?

**RAC X SwitchTips Product Line**

**Adjusting to the Right Tip**
Based on this general information, you will be able to choose the appropriate tip for your application. Experiencing with a few tips will help you gain experience and will help you decide what is the optimum tip for your application. Ask your distributor or your Graco representative for specific tip size recommendations.

**Tips Do Wear and Will Need Replacement**
- The two main causes for tip wear are:
  1. Working pressure at the gun
  2. Abrasive material

To explain what tip wear is and what this means to your business, think again of the similarities between spray tips and drill bits. Have you ever tried to drill into concrete using a worn out bit? If you have, then you know that it takes much longer to drill, takes much more effort and the drilled hole ends up being very unprofessional. It is the same with continuing to spray with a worn out tip.

**What happens when a tip wears?**

**Problem**
- Too much paint?
  1. Fan width decreases
  2. Orifice size increases = more paint comes out

**Solution**
- Increase orifice size
- Decrease fan angle

**Note:**
- Fan width decreases
- More passes necessary = more labour
- More material cost

**Total:** Twice the labour!

**New**
- Fan width decreases
- Orifice size increases = more paint comes out

**Worn**
- Fan width decreases
- Orifice size increases = more paint comes out

**Worn Tip Wear**
- Fan width decreases
- Orifice size increases = more paint comes out

**Increasing Tip Wear**
- Fan width decreases
- Orifice size increases = more paint comes out

**Total:** Twice the labour!

**30% more paint for the same surface!**

**Note:** By using a worn out tip you might surpass the maximum output of your sprayer. Using a worn out tip will end up costing you much more than the cost of replacing a tip (labour + paint).

**WideRAC Tips – complete jobs in half the time**
- Extra wide pattern, 61 cm (24 in) (WRxxxx).

**Fine Finish Tips – pre-orifice produces finer atomization.**
- Highest quality finish (FFTxxx).
RAC 5 SwitchTips are high-performance tips and the #1 selling tip on the market today. RAC 5 provides excellent fan pattern life and a high quality finish.

**Most Widely Used Reversible Spray Tip on the Market (Black Handle)**
- Used for residential and commercial applications
- Includes OneSeal for most common coatings
- Large selection of tip sizes available
- Easy to identify laser stamped tip size
- Solvent seal available when using extremely hot solvents

**LineLazer RAC 5 SwitchTip (Yellow Handle)**
- Creates clean, laser-sharp lines with no fuzzy edges or thin spots
- Designed specifically for parking lots, roads, warehouse floors, crosswalks and athletic fields
- Sprays heavy water-base to thin alkyd traffic paints
- Ensures consistent paint thickness, from edge to edge, less overspray and long-lasting lines

**XHD RAC SwitchTip (Gray Handle)**
- Recommended for Xtreme® Sprayers and XTR Airless Spray Guns
- XHD is interchangeable with GHD guards and tips
- No tools required! Change tips in seconds
- Locking tab ensures tip stays securely in tip guard

### Tip Specifications

<table>
<thead>
<tr>
<th>COLOR</th>
<th>MAXIMUM MPR</th>
<th>TYPICAL APPLICATIONS</th>
<th>BEST USED WITH THESE MATERIALS</th>
<th>TIP GUARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>4500 psi (280 bar, 28.0 MPa)</td>
<td>Residential, Commercial or Industrial</td>
<td>Lacquers to Mastics Latex Paints</td>
<td>RAC X HandTite Tip Guard (244121)</td>
</tr>
<tr>
<td>Blue</td>
<td>4500 psi (280 bar, 28.0 MPa)</td>
<td>High Production, Raw Construction for Top Coats, Large Concrete and Block Surfaces</td>
<td>Lacquers to Mastics Latex Paints</td>
<td>RAC X HandTite Tip Guard (244121)</td>
</tr>
<tr>
<td>Blue</td>
<td>4500 psi (280 bar, 28.0 MPa)</td>
<td>Residential, Commercial or Industrial</td>
<td>Lacquers to Mastics Latex Paints</td>
<td>RAC X HandTite Tip Guard (244121)</td>
</tr>
<tr>
<td>Yellow</td>
<td>4500 psi (280 bar, 28.0 MPa)</td>
<td>Parking Lots, Roads, Warehouse Floors, Crosswalks and Athletic Fields</td>
<td>Heavy Waterbase to Thin Alkyd Traffic Paints</td>
<td>RAC X HandTite Tip Guard (243161)</td>
</tr>
<tr>
<td>Green</td>
<td>4500 psi (280 bar, 28.0 MPa)</td>
<td>Cabinetry, Woodworking, Metal and Fine Finish Surfaces</td>
<td>Lacquers, Varnishes, Urethanes and other fine finish materials</td>
<td>RAC X HandTite Tip Guard (244121)</td>
</tr>
<tr>
<td>Black</td>
<td>4500 psi (280 bar, 28.0 MPa)</td>
<td>Residential, Commercial or Industrial</td>
<td>Lacquers to Mastics Latex Paints</td>
<td>RAC 5 HandTite Tip Guard (242141)</td>
</tr>
<tr>
<td>Gray</td>
<td>7500 psi (500 bar, 50.0 MPa)</td>
<td>Bridges, Tanks, Farms, Structural Steel and Roofing</td>
<td>Virtually all Paints and Coatings - Solvent and Water-base</td>
<td>XHD Tip Guard (8PD081)</td>
</tr>
<tr>
<td>Black</td>
<td>4500 psi (280 bar, 28.0 MPa)</td>
<td>Residential, Commercial or Industrial</td>
<td>Architectural Coatings</td>
<td>Flat Tip Guard (202151)</td>
</tr>
<tr>
<td>Yellow</td>
<td>4500 psi (280 bar, 28.0 MPa)</td>
<td>Cabinetry, Woodworking, Metal and Fine Finish Surfaces</td>
<td>Lacquers, Varnishes, Urethanes and other fine finish materials</td>
<td>Fine Finish Flat Tip Guard (202247)</td>
</tr>
</tbody>
</table>
### Tip Charts

#### RAC X SwitchTips

<table>
<thead>
<tr>
<th>ORIFICE SIZE - INCHES</th>
<th>Flow Rate (gpm)</th>
<th>Flow Rate (lpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>.008</td>
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<td>.010</td>
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<td>.012</td>
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<td>.014</td>
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</tbody>
</table>

Example: for a tip with a .014 orifice and a 610 mm (24 in) pattern, order WR1229.

#### WideRAC RAC X SwitchTips

<table>
<thead>
<tr>
<th>ORIFICE SIZE - INCHES</th>
<th>Flow Rate (lpm)</th>
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</thead>
<tbody>
<tr>
<td>.021</td>
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</tbody>
</table>

#### Fine Finish RAC X SwitchTips

<table>
<thead>
<tr>
<th>ORIFICE SIZE - INCHES</th>
<th>Flow Rate (lpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>.037</td>
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#### RAC S SwitchTips

<table>
<thead>
<tr>
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<th>Flow Rate (gpm)</th>
<th>Flow Rate (lpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>.011</td>
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</tbody>
</table>

#### LineLazer RAC S SwitchTips

<table>
<thead>
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<th>ORIFICE SIZE - INCHES</th>
<th>Flow Rate (gpm)</th>
<th>Flow Rate (lpm)</th>
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</thead>
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</table>

#### XHD RAC SwitchTips

<table>
<thead>
<tr>
<th>ORIFICE SIZE - INCHES</th>
<th>Flow Rate (lpm)</th>
</tr>
</thead>
<tbody>
<tr>
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#### Contractor Flat Tips

<table>
<thead>
<tr>
<th>ORIFICE SIZE - INCHES</th>
<th>Flow Rate (lpm)</th>
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</thead>
<tbody>
<tr>
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</tbody>
</table>

#### Fine Finish Flat Tips

<table>
<thead>
<tr>
<th>ORIFICE SIZE - INCHES</th>
<th>Flow Rate (lpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>.061</td>
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<td>.071</td>
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</tr>
</tbody>
</table>

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Water at 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate.

### Flow Rate Conversion

- Flow Rate (gpm) to Flow Rate (lpm) using the formula: 1 gpm = 3.785 lpm
- Flow Rate (lpm) to Flow Rate (gpm) using the formula: 1 lpm = 0.270 gpm

### Note:
- ORIFICE SIZE - INCHES
- Flow Rate (gpm) and Flow Rate (lpm) are provided for reference.
- Water at 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate.
- Example: for a tip with a .027 orifice and a 610 mm (24 in) pattern, order WR1227.
- Flow Rate (gpm) and Flow Rate (lpm) are rounded to the nearest 0.01 gpm and 0.01 lpm, respectively.

---

**Additional Information:**
- RAC 5 or RAC X WideRAC
- 525 or 625
- 1235 or 1237
- 1233 or 1235
- 1229 or 1231
- 415 or 515
- 1221 or 1223

---

**Additional Tips:**
- Fan width of a spray pattern is measured at 152 mm (6 in) from the surface.
- Example: for a tip with a .027 orifice and a 610 mm (24 in) pattern, order WR1227.

---

**Tips for Application:**
- Water at 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate.
- Example: for a tip with a .027 orifice and a 610 mm (24 in) pattern, order WR1227.
### Tip Guards

<table>
<thead>
<tr>
<th>TIP GUARDS</th>
<th>DESCRIPTION</th>
<th>THREAD SIZE</th>
<th>GUN</th>
<th>TIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>246215</td>
<td>RAC X HandTite Tip Guard</td>
<td>22 mm (7/8 in)</td>
<td>Standard Graco thread</td>
<td>RAC X, FFT, WR</td>
</tr>
<tr>
<td>246437</td>
<td>RAC X HandTite Tip Guard</td>
<td>17.5 mm (11/16 in)</td>
<td>Older style Graco Pole Guns, Fits Competitive Guns with 11/16 in threads</td>
<td>RAC X, FFT, WR</td>
</tr>
<tr>
<td>243161</td>
<td>RAC 5 HandTite Tip Guard</td>
<td>22 mm (7/8 in)</td>
<td>Standard Graco thread</td>
<td>RAC 5, RAC IV, RAC 5 LineLazer</td>
</tr>
<tr>
<td>243263</td>
<td>RAC 5 HandTite Tip Guard</td>
<td>17.5 mm (11/16 in)</td>
<td>Older style Graco Pole Guns</td>
<td>RAC 5, RAC IV, RAC 5 LineLazer</td>
</tr>
<tr>
<td>XD9001</td>
<td>XHD RAC Tip Guard</td>
<td>22 mm (7/8 in)</td>
<td>Standard Graco thread</td>
<td>XHD RAC</td>
</tr>
<tr>
<td>220251</td>
<td>Flat Tip Guard</td>
<td>22 mm (7/8 in)</td>
<td>Standard Graco thread</td>
<td>Contractor Flat Tips</td>
</tr>
<tr>
<td>220255</td>
<td>Flat Tip Guard</td>
<td>17.5 mm (11/16 in)</td>
<td>Older style Graco Pole Guns, Fits Competitive Guns with 11/16 in threads</td>
<td>Contractor Flat Tips</td>
</tr>
<tr>
<td>220447</td>
<td>Fine Finish Flat Tip Guard</td>
<td>22 mm (7/8 in)</td>
<td>Standard Graco thread</td>
<td>Fine Finish Flat Tips</td>
</tr>
<tr>
<td>220449</td>
<td>Fine Finish Flat Tip Guard</td>
<td>17.5 mm (11/16 in)</td>
<td>Older style Graco Pole Guns, Fits Competitive Guns with 11/16 in threads</td>
<td>Fine Finish Flat Tips</td>
</tr>
</tbody>
</table>

### Seals and Gaskets

- **Compatible with most fluids; easy installation without tools**
- **RAC X OneSeals - 5 pack. Use only with RAC X SwitchTip and Guard**
- **RAC 5 OneSeals - 5 pack. Use only with RAC 5 SwitchTip and Guard**
- **RAC X Solvent Seal Kit – 5 pack**
- **RAC 5 & RAC IV Solvent Seal Kit – 5 pack**
- **Thin Tip Gaskets – 25 pack**
- **Thick Tip Gaskets – 25 pack**
- **0-Ring – use with tip gaskets to securely hold in place**

### TIP BRUSHES

- **101891**
  9.5 mm x 57.15 mm (3/8 in x 2.25 in) nylon bristle
- **101892**
  16 mm x 57.15 mm (5/8 in x 2.25 in) nylon bristle
- **220247**
  22 mm (7/8 in) Standard Graco thread
  Fine Finish Flat Tips
- **220249**
  17.5 mm (11/16 in) Older style Graco Pole Guns, Fits Competitive Guns with 11/16 in threads, Tip Filter Housings and Swivel Adapters

### BlueMax™ II Hose

- **DESCRIPTION**
- **PART NUMBER**
- **DIAMETER**
- **LENGTH**
- **TYPE**
- **BlueMax II Whip Hose**
  230555  4.8 mm (5/32 in)
  230654  6.4 mm (1/4 in)
  230753  9.5 mm (3/8 in)
- **BlueMax II Whip Hose**
  230550  4.8 mm (5/32 in)
  230650  6.4 mm (1/4 in)
  230750  9.5 mm (3/8 in)
- **BlueMax II Hose**
  214697  6.4 mm (1/4 in) 30 m (100 ft) FBE
  240793  6.4 mm (1/4 in) 7.5 m (25 ft) FBE
  240794  6.4 mm (1/4 in) 15 m (50 ft) FBE
  241275  9.5 mm (3/8 in) 30 m (100 ft) FBE

### To maximize performance, choose BlueMax II high performance airless hose.

- **With superior flexibility and durability, BlueMax II is designed to ensure you get the best results from your airless sprayer.**

### Feel the Difference

- **Lighter Weight**
  - Over 10% lighter weight and increased hose flexibility improves usability while spraying under pressure

### Highest Safety Standards

- **Conductive core meets the highest worldwide safety standards unlike competitive ground wire hose designs**

### Minimal Hose Coil Memory

- **BlueMax II Hose has superior flexibility and reduced coil memory providing ease of use during coiling and uncoiling**

### Corrosion Resistant

- **Plated spring guards are more corrosion resistant**

### Selecting the best diameter hose to meet your length requirements is critical to good spraying pressure. The larger the hose diameter, the greater the pressure at the gun. As you go down in hose diameter size or increase the hose length, there will be less pressure at the gun.

### When coupling hoses together, connect the larger diameter hose to the sprayer and the smaller diameter hose to the gun inlet for maximum pressure when spraying.

- **4.8 mm (3/16”) Airless Hose**
  - **Small diameter hose ideal for interior pressure rolling or low pressure applications**
  - **Diameter used as a whip hose for improved flexibility at the gun**

### 6.4 mm (1/4”) Airless Hose

- **Most commonly sold hose diameter – for all applications**

### 9.5 mm (3/8”) Airless Hose

- **High production hose provides best performance at the gun**
  - **Able to handle heavier material and longer hose length with the least amount of pressure drop**

### BlueMax II Hose

- **DESCRIPTION**
- **PART NUMBER**
- **DIAMETER**
- **LENGTH**
- **TYPE**
- **BlueMax II Whip Hose**
  230555  4.8 mm (5/32 in)
  230654  6.4 mm (1/4 in)
  230753  9.5 mm (3/8 in)
- **BlueMax II Whip Hose**
  230550  4.8 mm (5/32 in)
  230650  6.4 mm (1/4 in)
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  240793  6.4 mm (1/4 in) 7.5 m (25 ft) FBE
  240794  6.4 mm (1/4 in) 15 m (50 ft) FBE
  241275  9.5 mm (3/8 in) 30 m (100 ft) FBE
- **BlueMax II Hose**
  214697  6.4 mm (1/4 in) 15 m (50 ft) FBE
  240794  6.4 mm (1/4 in) 15 m (50 ft) FBE
- **BlueMax II Hose**
  240796  9.5 mm (3/8 in) 7.5 m (25 ft) FBE
  240797  9.5 mm (3/8 in) 15 m (50 ft) FBE
  241275  9.5 mm (3/8 in) 30 m (100 ft) FBE

**3300 psi (227 bar, 22.7 MPa) maximum working pressure rated at 180˚ F (82.2˚ C) temperature**

**Whip Hose provides more flexibility and increased operator control at the gun (238358).**

**Available in a wide variety of lengths and diameters.**

1/4 in x 50 ft Shown
Airless Hose and Hose Fittings

**Bluemax II HP High Pressure Hose**

- **156824**
  - 27749
  - 27750
  - 27751
  - 27753

**Xtreme-Duty Airless Hose**

- **H42503**
- **H42550**
- **H4251X**
- **H43803**
- **H43850**
- **H4381X**
- **H45050**
- **H4501X**

**Fittings**

- **156971**
- **156849**
- **158491**
- **157350**
- **159239**

**Unions**

- **156823**
- **155665**
- **157705**
- **159153**
- **155570**

**Pressure Rollers**

**EvenFlow Pressure Roller Assembly**

- Airless spray gun roller attachment - includes everything you need to start rolling with an airless spray gun.
- Pressure roller application requires 300 psi (2.1 MPa, 21 bar).

**EvenFlow In-Line Valve Roller Assembly**

- Includes everything you need to start rolling with the Contractor In-Line Valve.
- Ability to rotate 180˚ to roll in tight areas.

**EvenFlow Telescoping Roller Assembly**

- Connects directly to Contractor In-Line Valve or any airless spray gun and 45˚ angle – sold separately, part number 224399.

**Geesisperse**

- **Geosperse 305 mm (12 in) Pressure Roller**
- **230 mm (9 in) EvenFlow Roller Frame**
- **Graco perforated Roller Covers**
**Pressure Roller Accessories**

**PRESSURE ROLLER FRAMES**

- 244271 230 mm (9 in) EvenFlow Roller Frame with 22 mm (7/8 in) thread; for use with Graco Heavy Duty Extensions
- 244623 230 mm (9 in) EvenFlow Roller Frame with 1/8 npt thread; for use with Graco Telescoping Extensions
- 224398 Adapter that attaches roller frame 244623 to use with Heavy Duty Extension
- 230 mm (9 in) Geosperse Roller Frame
- 305 mm (12 in) Geosperse Roller Frame

**ROLLER COVERS**

- 107589 230 mm (9 in) Roller Cover, 9.5 mm (3/8 in) nap
- 107590 230 mm (9 in) Roller Cover, 13 mm (1/2 in) nap
- 107591 230 mm (9 in) Roller Cover, 19 mm (3/4 in) nap
- 107592 230 mm (9 in) Roller Cover, 32 mm (1-1/4 in) nap
- 186944 305 mm (12 in) Roller Cover, 13 mm (1/2 in) nap
- 186945 305 mm (12 in) Roller Cover, 19 mm (3/4 in) nap
- 186946 305 mm (12 in) Roller Cover, 32 mm (1-1/4 in) nap

---

**Graco’s full line of Extended Reach Tools are ideal for hard-to-reach areas like soffits, stairways and vaulted ceilings. Extend your range and spray more efficiently without ladders or scaffolding.**

**Pole Gun**

- For unmatched spraying performance in high or recessed areas
- Provides better spray control and less fatigue
- Balanced design; no excessive weight at the end of pole

**CleanShot Shut-Off Valve**

- Unique needle valve shuts fluid off at the tip for a clean pattern – no spitting
- 180 degree tip swivel provides versatility when spraying walls and ceilings
- Pressure-actuated – operates at a minimum of 700 psi (4.8 Mpa, 48 bar)

**Contractor In-Line Valve**

- Can be used with other extended reach tools such as Heavy Duty Extensions and Telescoping Extensions for Pressure Rolling
- Provides a straight connection to extensions for the most optimal rolling position
- In-handle paint filter and built-in swivel connection for top spraying performance
- Ability to rotate 180˚ allows spraying in any position

**Pole Gun Extensions**

- Use with Contractor In-Line Valve and the CleanShot Shut-Off Valve to create different length pole guns
- Smaller diameter tube is lightweight and can be used for interior pressure rolling
- Ability to attach directly to an airless spray gun – order 45˚ adapter 224399 for increased comfort while rolling

---

**DESCRIPTION** | **PART NUMBER** | **MAX WP** | **REPAIR KIT** |
--- | --- | --- | --- |
3' (0.9 m) Pole Gun | 287023 | 3000 (200 bar, 24.0 Mpa) | NA |
1.8 m (6') Pole Gun | 287024 | 3000 (200 bar, 24.0 Mpa) | NA |
CleanShot Valve | 287030 | 3000 (200 bar, 24.0 Mpa) | Valve - 244162, Swivel - 244083 |
In-Line Valve | 244151 | 3000 (200 bar, 24.0 Mpa) | 216770 |

---

**Pole Guns**

- Pole Gun Shown
Extended Reach Accessories

**Pole Gun Extensions - Maximum WPR: 3600 psi, (24.8 bar, 24.8 MPa)**
- Use with Contractor In-Line Valve and the Gush Shield Shut-Off Valve to create different length pole guns
- Thread Size: 22 mm (7/8 in)
- Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)

**45˚ Adapter**
- Connects to Airless Spray Gun and any Graco Extension for pressure rolling
- Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)
- Thread Size: 22 mm (7/8 in)

**25 cm (10 in)**
- 287019
- 287020
- 287021
- 287022

**50 cm (20 in)**
- 243295
- 243296
- 243297
- 243298

**75 cm (30 in)**
- 232121
- 232122
- 232123
- 232124
- 232125

**300 cm (120 in)**
- 218775
- 218776
- 218777

**100˚ Easy Turn Directional Spray Nozzle**
- Sprays at a variety of angles by attaching to any Graco Extensions
- Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)
- Instruction Manual: 300244

**45˚ Adapter**
- Connects to Airless Spray Gun and any Graco Extension for pressure rolling
- Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)
- Thread Size: 22 mm (7/8 in)

**45˚ easy Turn Directional Spray nozzle**
- Sprays at a variety of angles by attaching to any Graco Extensions
- Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)
- Thread Size: 22 mm (7/8 in)

**45˚ Adapter**
- Connects to Airless Spray Gun and any Graco Extension for pressure rolling
- Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)
- Thread Size: 22 mm (7/8 in)

**25 cm (10 in)**
- 244163
- 244164

**50 cm (20 in)**
- 287009
- 287010

**75 cm (30 in)**
- 287021

**RAC X Tip Extensions - Maximum WPR: 4050 psi, (280 bar, 28.0 MPa)**
- Includes: RAC X HandTite Guard standard with 22 mm (7/8 in) gun nut and OneSeal
- Can be combined for extended reach up to 1.8 m (6 ft)

**25 cm (10 in)**
- 243295
- 243296
- 243297
- 243298

**50 cm (20 in)**
- 232121
- 232122
- 232123
- 232124
- 232125

**100 cm (40 in)**
- 218775
- 218776
- 218777

**500 cm (200 in)**
- 224455
- 224456

**1 1/4 in (npt) Adapter**
- Use Telescoping Extensions for Pressure Rolling only - do not use for airless spraying
- All Telescoping Extensions include Adapter 244825; for use with 22 mm (7/8 in) Contractor In-Line Valve

**1 1/4 in (npt) thread - SST Cap**
- 237840
- 237675
- 237820

**1 1/2 in (npt) thread - SST Cap**
- 236435
- 236436

**1 in (npt) thread - SST Cap**
- 246385
- 235004
- 183770

**1 in (npt) thread - Single Screen**
- 218172

**1/2 in (npt) thread - SST Cap**
- 243295
- 243296

**1/2 in (npt) thread - Twist Lock, Nylon (unf)**
- 236435
- 236436

**3/4 in (npsm) thread - SST Cap**
- 246385
- 235004

**3/4 in (npsm) thread - Single Screen**
- 218172

**1 in (npsm) thread - SST Cap**
- 246385
- 235004

**1 in (npsm) thread - Single Screen**
- 218172

**A strainer prevents foreign objects from entering into the pump and provides the first stage of filtration.**

**LineLazer 3400, FinishPro 390, FinishPro 395**
- 246385
- 235004
- 183770

**LineLazer 3000, 495ST Hi-Boy, LineLazer 3900/5900, EM 595, Ultra 750/1000/1500, GM 3000/5000, Ultra 333/433, GM7000 Lo-Boy, LineLazer 5000**
- 246385
- 235004
- 183770

**LineLazer 200HS, Mark IV, Mark V**
- 246385
- 235004
- 183770

**HydraMax 300/350, GM/GMax 10000, GH 733, GH 833**
- 246385
- 235004
- 183770

**EMX90°, EMX90°**, **EMX100°**, **EMX 400, Ultra 500 Lo-Boy**
- 246385
- 235004
- 183770

**A filter helps reduce tip plugging and provide a better quality finish by eliminating large unwanted particles from the spray pattern.**

**New & Old Contractor/FTx Gun, Easy Out Filter, Black, 60 Mesh - 1 per card**
- 287032
- 287033

**New & Old Contractor/FTx Gun, Easy Out Filter, Blue, 100 Mesh - 1 per card**
- 287034

**New & Old Contractor/FTx Gun, Easy Out Filter Pack, 60 & 100 Mesh**
- 218131
- 218133

**Old Contractor Gun Filter Assembly, 50 Mesh - 1 per card**
- 224455

**Old Contractor Gun Filter Assembly, 100 Mesh - 1 per card**
- 224456

**Old Contractor Gun Filter Screen Element, 10 Mesh - 2 per card**
- 224457

**Old Contractor Gun Filter Screen Element, 20 Mesh - 1 per card**
- 224458

**Old Contractor Gun Filter Screen Element, 100 Mesh - 2 per card**
- 224459

**New & Old Contractor/Fx Gun, Easy Out Filter Assembly, 50 Mesh - 1 per card**
- 224455

**New & Old Contractor/Fx Gun, Easy Out Filter Assembly, 50 Mesh - 1 per card**
- 224456

**New & Old Contractor/Fx Gun, Easy Out Filter Pack, 60 & 100 Mesh**
- 218131

**Old Contractor Gun Filter Assembly, 50 Mesh - 1 per card**
- 218131

**Old Contractor Gun Filter Assembly, 100 Mesh - 1 per card**
- 224455

**Old Contractor Gun Filter Screen Element, 50 Mesh - 2 per card**
- 224456

**Old Contractor Gun Filter Screen Element, 100 Mesh - 2 per card**
- 224459
**Manifold and Tip Filters**

**EASY OUT FILTERS, SHORT** - For use with ST, STX, Ultra 395/495/595 Airless Sprayers
- Short, Gray, Vertical, 30 Mesh - 1 per card
- Short, Black, Vertical, 60 Mesh - 1 per card
- Short, Blue, Vertical, 100 Mesh - 1 per card
- Short, Red, Vertical, 200 Mesh - 1 per card

**EASY OUT FILTERS, LONG** - For use with Ultra Max, GMax, GH 200 and HydraMax Airless Sprayers
- Long, Gray, Vertical, 30 Mesh - 1 per card
- Long, Black, Vertical, 60 Mesh - 1 per card
- Long, Blue, Vertical, 100 Mesh - 1 per card
- Long, Red, Vertical, 200 Mesh - 1 per card

**EASY OUT FILTERS, SHORT** - For use with ST PRO Airless Sprayers
- Short, Black, Horizontal, 60 Mesh - 1 per card
- Short, Blue, Horizontal, 100 Mesh - 1 per card
- Short, Red, Horizontal, 200 Mesh - 1 per card

**STANDARD FILTERS - SHORT**
- Filter Screen, 30 Mesh - 2 per card
- Latex Filter Screen, 60 Mesh - 2 per card
- Enamel Filter Screen, 100 Mesh - 2 per card
- Stain Filter Screen, 200 Mesh - 2 per card

**STANDARD FILTERS - LONG**
- Filter Screen, 30 Mesh - 2 per card
- Latex Filter Screen, 60 Mesh - 2 per card
- Enamel Filter Screen, 100 Mesh - 2 per card
- Stain Filter Screen, 200 Mesh - 2 per card

**Tip Filters**
- Latex Tip Filter, 60 Mesh - 5 per card
- Enamel/Stain Tip Filter, 100 Mesh - 5 per card
- Tip Filter Housing
- Tip Filter Kit - Contains two tip filters (60 & 100 Mesh), tip filter housing and one dripless tip guard

**THE CORRECT FILTER REDUCES TIP CLOGS**

<table>
<thead>
<tr>
<th>Mesh Size</th>
<th>200</th>
<th>100</th>
<th>60</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials</td>
<td>Stains, Varnishes, Polyurethane, Solvent-Based Paints</td>
<td>Lacquers, Enamels (Solvent), Solvent-Based Paints</td>
<td>Acrylic, Enamels</td>
<td>Heavy Acrylic, Block Filler, Epoxy/Elastomers</td>
</tr>
<tr>
<td>Use with</td>
<td>.007&quot; - .013&quot;</td>
<td>.007&quot; - .015&quot;</td>
<td>.015&quot; - .029&quot;</td>
<td>.031&quot;</td>
</tr>
</tbody>
</table>

Clean and replace filters often to ensure proper spraying pressure.

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**Fluids and Pump Lowers**

**PUMP ARMOR**
Protects pump for storage and freeze proof to -34°C (-30°F).
Fill pump with Pump Armor and leave it in until you use it again.

- 243103
  - 1 Liter (1 Quart)
- 245133
  - 3.8 Liters (1 Gallon)

**TSL THROAT SEAL LIQUID**
Prevents paint and coatings from drying onto the displacement rod and packings
Extends pump life

- 206994
  - .24 Liter (8 ounces)
- 206995
  - 1 Liter (1 Quart)
- 206996
  - 3.8 Liters (1 Gallon)

**HYDRAULIC FLUID**
Use with Graco HydraMax and GH Sprayers

- 207428
  - 3.8 Liters (1 Gallon)

**PUMP LOWERS**
Graco Pump Lowers lead the industry in durability and ease of installation.
Keep a spare on hand to minimize downtime in the field.
(See price list or local Graco Distributor for a complete list of Graco Pump Lowers.)

- 17C720
  - Endurance Pump Lower Kit for 390, Ultra 395, Ultra Max II 490/495/595, GMAX 3400, FinishPro 395
- 17C488
  - Endurance Pump Lower Kit for 390 PC, 395 PC Pro, 490/495/595 PC Pro, Finish Pro II 395 PC, Finish Pro II 595 PC Pro
- 16Y598
  - Endurance Pump Lower Kit for Ultra Max 695/795, and GMAX II 3900 Standard
- 16X414
  - Endurance Pump Lower Kit for New Ultra Max 695/795, and GMAX II 3900 ProContractor with ProConnect II
ABOUT GRACO

PROVEN QUALITY, LEADING TECHNOLOGY.

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company’s success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco’s ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

Call today for product information or to request a demonstration.
03 9468 8500 or visit us at www.graco.com.

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