



Airless Accessories

Essential Tools for Maximum Productivity and Performance



PROVEN QUALITY. LEADING TECHNOLOGY.

Airless Accessories



Essential Tools for Maximum Productivity and Performance



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



“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



Features

Saves Time & Money

- Combines rolling and spraying into one action

In-line Valve

- Eliminates dipping the roller in paint and is up to 2x faster than standard rolling

Easily Detachable Handle

- Use the spray extension or hand roller independently

CleanShot™ Shut-Off Valve

- Eliminates spits and drips

Minimal Prep Time Required

- Very low overspray design means less area preparation
- Suitable for finish coats in furnished spaces

Flexible

- Uses industry standard roller covers and extensions (Roller cover not included)



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.

DESCRIPTION	PART #
JetRoller System	24U170
INCLUDES	
• 23 cm Roller Handle Assembly • 30 cm Roller Handle Extension • 50 cm Heavy Duty Extension • CleanShot Shut-Off Valve • Rac X 721 Switch Tip and Guard	

JetRoller System	24U172
INCLUDES	
• 23 cm Roller Handle Assembly • 30 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	24X605
INCLUDES	
• 27 cm Roller Handle Assembly • 30 cm Roller Handle Extension • 50 cm Heavy Duty Extension • CleanShot Shut-Off Valve • Rac X 821 Switch Tip and Guard • Contractor In-Line Valve	

JetRoller System	24W128
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	24V829
27 cm Roller Handle Assembly	24X651
30 cm Roller Handle Extension	24V832
45° Adapter	224399
1.8 m BlueMax II Whip Hose	238359
46 cm Roller Handle Assembly	24W130

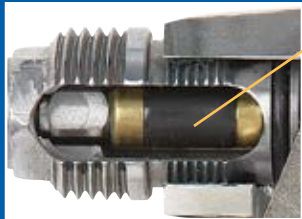
Contractor™ & FTx™ Guns

Exclusive FlexSeal™ Design

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.

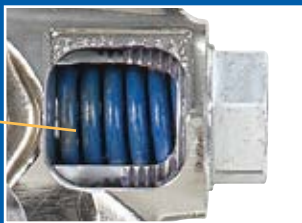
Exclusive FlexSeal Totally Enclosed Needle Design (patent-pending)

- 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.



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.



Consistent Needle Shut-Off

- Spring is outside of the fluid path to eliminate pack out and slow needle shut-off.

Ergonomic 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.

Introducing the, innovative Contractor and FTx Guns from Graco. Designed to be the longest-lasting guns on the market and continue to be the #1 choice of painting contractors!

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

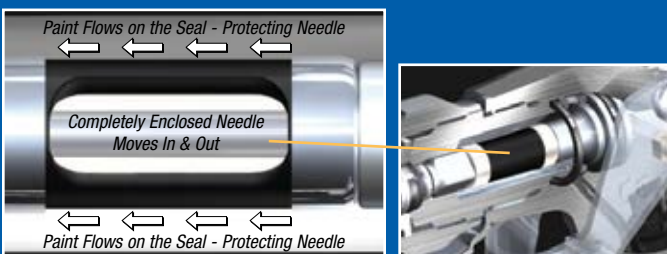


Contractor Gun

FTx Gun

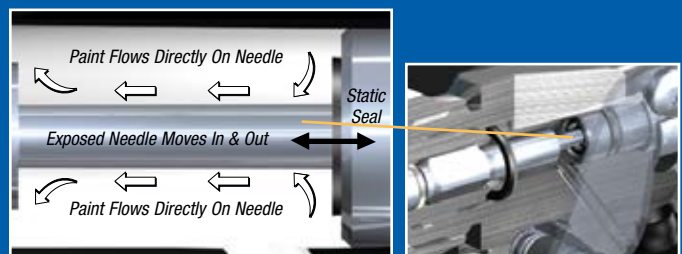
GRACO VS OTHER INDUSTRY-STANDARD NEEDLE DESIGNS

Graco's FlexSeal Totally Enclosed Needle Design



Needle is completely enclosed by the FlexSeal to provide consistent and quick shut-off, reducing spitting.

Other Industry Standard Gun Needle Designs



Paint flows directly on needle that moves in and out of a static seal – resulting in needle wear with every trigger pull.

DESCRIPTION	PART NUMBER	TRIGGER	TIP INCLUDED	GUARD
Contractor Gun	288420	2-Finger	RAC X 517	RAC X
Contractor Gun	288425	4-Finger	RAC X 517	RAC X
Contractor Gun	288421	2-Finger	RAC 5 517	RAC 5
FTx Gun	288430	4-Finger	RAC X 515	RAC X
FTx Gun	288429	2-Finger	RAC X 515	RAC X
FTx Gun	288431	4-Finger	RAC 5 515	RAC 5



FTx 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.

Silver Plus™ Gun



DESCRIPTION	PART NUMBER	TRIGGER	TIP INCLUDED	GUARD
Silver Plus	246240	2-Finger	RAC X 517	RAC X
Silver Plus	243283	2-Finger	RAC 5 517	RAC 5
Silver Plus	235460	2-Finger	Not Included	Flat Tip
Silver Plus	235462	2-Finger	Not Included	Fine Finish Flat Tip

OPTIONAL ACCESSORIES



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



Gun Filter Housing w/ Replaceable Tip Filters (210500 uses 224454 or 224453 tip filters).



Swivel for improved maneuverability at the gun (224457).

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

Contractor Gun



FTx Gun



Silver Plus Gun



Heavy Duty Texture Gun



Flex Plus™ Gun



SG3™ Gun



Airless Spray Gun Specifications

PART NUMBER	TRIGGER	TIP	GUARD
288420	2-Finger	RAC X 517	RAC X
288425	4-Finger	RAC X 517	RAC X
288421	2-Finger	RAC 5 515	RAC 5
• Repair Kit: 288488		• Working Pressure: 3600 psi (248 bar, 24.8 MPa)	
• Instruction Manual: 311861		• Fluid Orifice Diameter: 3.2 mm (0.125 in)	

PART NUMBER	TRIGGER	TIP	GUARD
288430	4-Finger	RAC X 515	RAC X
288429	2-Finger	RAC X 515	RAC X
288431	4-Finger	RAC 5 515	RAC 5
• Repair Kit: 288488		• Working Pressure: 3600 psi (248 bar, 24.8 MPa)	
• Instruction Manual: 311861		• Fluid Orifice Diameter: 3.2 mm (0.125 in)	

PART NUMBER	TRIGGER	TIP	GUARD
246240	2-Finger	RAC X 517	RAC X
243283	2-Finger	RAC 5 517	RAC 5
235460	2-Finger	Not Included	Flat Tip
235462	2-Finger	Not Included	Fine Finish Flat Tip
• Repair Kit: 235474 (For 235462, use repair kit 235475)		• Working Pressure: 5000 psi (345 bar, 34.5 MPa)	
• Instruction Manual: 309740		• Fluid Orifice Diameter: 2.3 mm (0.090 in) 0.94 mm (0.037 in): 235462 for light viscosity materials	

PART NUMBER	TRIGGER	TIP	GUARD
241705	4-Finger	RAC X 531	Heavy Duty RAC
• Repair Kit: 237260 • Instruction Manual: 308491		• Working Pressure: 4000 psi (276 bar, 27.6 MPa) • Fluid Orifice Diameter: 3.2 mm (0.125 in)	
• Unique design with large fluid passages, heavy duty spring and 4-finger trigger makes this gun ideal for high solids, smooth textures, mastics, and protective coatings			

PART NUMBER	TRIGGER	TIP	GUARD
246468	2-Finger	RAC X 517	RAC X
248157	2-Finger	RAC 5 LineLazer™ 319	RAC 5
• Repair Kit: 235474		• Working Pressure: 5000 psi (345 bar, 34.5 MPa)	
• Instruction Manual: 309741		• Fluid Orifice Diameter: 2.3 mm (0.090 in)	
• Lightest weight gun, available for airless spray and line striping applications			
• Airless hose connects directly to gun through spring guard mount on handle base			

PART NUMBER	TRIGGER	TIP	GUARD
246506	4-Finger	RAC 5 515	RAC 5
• Repair Kit: 243092 • Instruction Manual: 309045		• Working Pressure: 3600 psi (248 bar, 24.8 MPa) • Fluid Orifice Diameter: 3.2 mm (0.125 in)	
• Fully featured, economy gun w/ composite back cap and trigger lock • In-handle filter and built-in hose swivel for top spraying performance			

Gun and Hose Kits

RAC X		GUN	BLUEMAX II AIRLESS HOSE	HOSE WPR	TIP	INCLUDES
	288489	Contractor	6.4 mm x 15 m (1/4 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC X 517	HandTite Guard, 0.9 m (3 ft) Whip Hose
	288490	Contractor	9.5 mm x 15 m (3/8 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC X 517	HandTite Guard, 0.9 m (3 ft) Whip Hose
	288500	Contractor	9.5 mm x 15 m (3/8 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC 5 517	HandTite Guard 0.9 m (3 ft) Whip Hose
	288493	FTx	6.4 mm x 15 m (1/4 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC X 515	HandTite Guard,
	287041	Silver Plus	6.4 mm x 15 m (1/4 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC X 517	HandTite Guard, 0.9 m (3 ft) Whip Hose
	287042	Silver Plus	9.5 mm x 15 m (3/8 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC X 517	HandTite Guard, 0.9 m (3 ft) Whip Hose
	287043	Silver Plus	9.5 mm x 15 m (3/8 in x 50 ft)	4000 psi (276 bar, 27.6 MPa)	RAC X 517	HandTite Guard, 0.9 m (3 ft) Whip Hose
	287095	Flex Plus	6.4 mm x 15 m (1/4 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC X 517	HandTite Guard, 0.9 m (3 ft) Whip Hose
	287850	Silver Plus (3/8 in x 50 ft)	9.5 mm x 15 m (276 bar, 27.6 MPa)	4000 psi	RAC X 517	HandTite Guard, RAC X 655Tip 6.3 mm x 0.9 m (1/4 in x 3 ft) Whip Hose
	287851	Flex Plus	9.5 mm x 15 m (3/8 in x 50 ft)	4000 psi (276 bar, 27.6 MPa)	RAC X 517	HandTite Guard, RAC X 655 Tip 6.3 mm x 0.9 m (1/4 in x 3 ft) Whip Hose
	241338	HD Texture	9.5 mm x 15 m (3/8 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC X 531	RAC X Guard, RAC X 427 Tip 6.4 mm x 0.9 m (1/4 in x 3 ft) Whip Hose
	287852	HD Texture	9.5 mm x 15 m (3/8 in x 50 ft)	4000 psi (276 bar, 27.6 MPa)	RAC X 531	RAC X Guard, RAC X 655 Tip 6.4 mm x 0.9 m (1/4 in x 3 ft) Whip Hose
RAC X FINE FINISH		GUN	BLUEMAX II AIRLESS HOSE	HOSE WPR	TIP	INCLUDES
	288501	Contractor	4.8 mm x 7.5 m (3/16 in x 25 ft)	3300 psi (227 bar, 22.7 MPa)	RAC X FFT210	HandTite Guard, FFT312 Tip 25 cm (10 in) Tip Extension (2) 100 Mesh Gun Filters Solvent Seal Kit Cleaning Brush
	287823	Silver Plus .94 mm (.037 in) orifice	4.8 mm x 7.5 m (3/16 in x 25 ft)	3300 psi (227 bar, 22.7 MPa)	RAC X FFT210	HandTite Guard, FFT312 Tip 25 cm (10 in) Tip Extension (2) 100 Mesh Tip Filters Gun Filter Housing Solvent Seal Kit Cleaning Brush

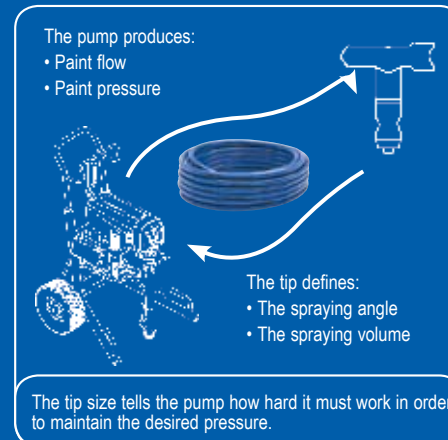
Gun and Hose Kits and Adapters

RAC 5		GUN	BLUEMAX II AIRLESS HOSE	HOSE WPR	TIP	INCLUDES
	288496	Contractor	6.4 mm x 15 m (1/4 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC 5 517	HandTite Guard, 0.9 m (3 ft) Whip Hose
	288497	FTx	6.4 mm x 15 m (1/4 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC 5 515	HandTite Guard
	243321	Silver Plus	6.4 mm x 15 m (1/4 in x 50 ft)	3300 psi (227 bar, 22.7 MPa)	RAC 5 517	HandTite Guard, 0.9 m (3 ft) Whip Hose
GUN ADAPTERS						
  	210500	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)				
	224457	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)				
	181085	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.				

Tips

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?

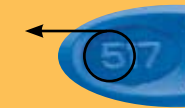
Getting the most from your spray tip depends on several factors:

- 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 its 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:
- $5 \times 5 = 25$ 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

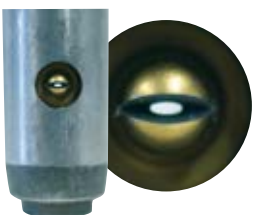
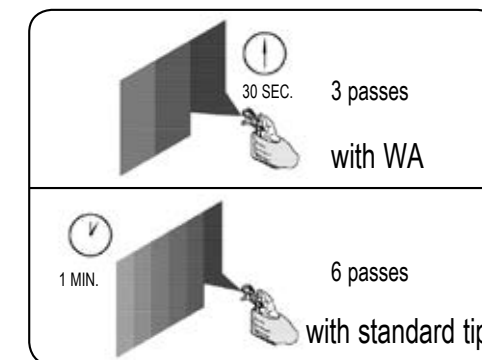
Your actual flow rate will depend on your spraying pressure and the paint you are using: high pressure equals more flow; heavier paints equal less flow.



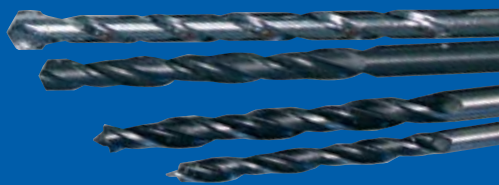
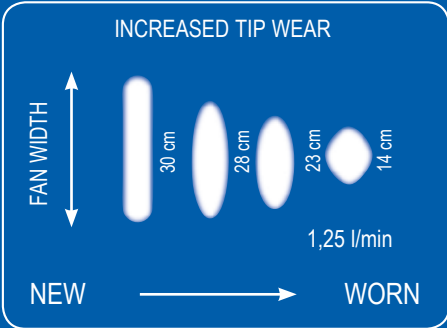
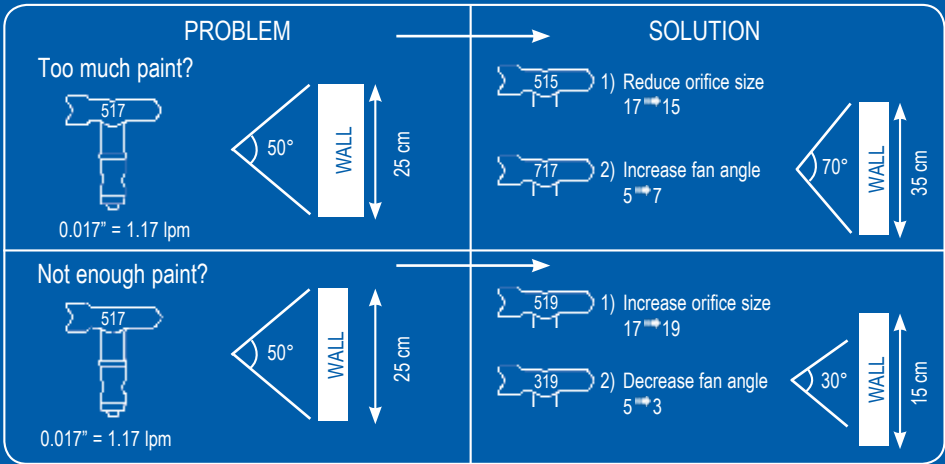
Every Sprayer Has A Maximum Output Level

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 Ultra Max II 1095.



Tips



- 1 Fan width decreases
 - + = more passes necessary = more labour
 - 2 orifice size increases = more paint comes out = more material cost
- TOTAL: TWICE THE LABOUR!
+ 30% more paint for the same surface!



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:

- Working pressure at the gun
- 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?

Graco has developed a full-range RAC X SwitchTip 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

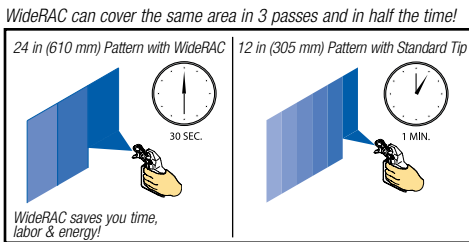
RAC X – Fine Finish (Green Handle)

- 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

RAC X SwitchTips Product Line



DESCRIPTION	PART NUMBER	APPLICATIONS	MATERIALS
RAC X	LTXxxx	Residential, Commercial or Industrial	Lacquers to Mastics
WideRAC	WRxxxx	High Production, New Construction	Lacquers to Mastics
Fine Finish	FFTxxx	Metal, Woodwork	Lacquer, Varnish, Stain Enamel, Oil base 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

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

DESCRIPTION	PART NUMBER	APPLICATIONS	MATERIALS
RAC 5	286xxx	Residential, Commercial or Industrial	Lacquers to Mastics
LineLazer	LL5xxx	Pavement, Concrete, Turf	Water Base, Alkyd
XHD RAC	XHDxxx	Steel, Roofing	Industrial Paints and Coatings



RAC 5 LineLazer SwitchTip (LL5xxx).



XHD RAC SwitchTip (XHDxxx).



RAC X SWITCHTIP

LTXxxx



WIDERAC RAC X SWITCHTIP

WRxxx



FINE FINISH RAC X SWITCHTIP

FFTxxx



RAC 5 SWITCHTIP

286xxx



LINELAZER RAC 5 SWITCHTIP

LL5xxx



XHD RAC SWITCHTIP

XHDxxx



CONTRACTOR FLAT TIPS

269xxx



FINE FINISH FLAT TIPS

163xxx

Tip Specifications

COLOR	MAXIMUM WPR	TYPICAL APPLICATIONS	BEST USED WITH THESE MATERIALS	TIP GUARD
Blue	4050 psi (280 bar, 28.0 MPa)	Residential, Commercial or Industrial	Lacquers to Mastics Latex Paints	RAC X HandTite Tip Guard (246215)
Blue	4050 psi (280 bar, 28.0 MPa)	High Production, New Construction for Top Coats, Large Concrete and Block Surfaces	Lacquers to Mastics Latex Paints	RAC X HandTite Tip Guard (246215)
Green	4050 psi (280 bar, 28.0 MPa)	Cabinetry, Woodworking, Metal and Fine Finish Surfaces	Lacquers, Varnishes, Urethanes and other fine finish materials	RAC X HandTite Tip Guard (246215)
Black	4050 psi (280 bar, 28.0 MPa)	Residential, Commercial or Industrial	Lacquers to Mastics Latex Paints	RAC 5 HandTite Tip Guard (243161)
Yellow	4050 psi (280 bar, 28.0 MPa)	Parking Lots, Roads, Warehouse Floors, Crosswalks and Athletic Fields	Heavy Waterbase to thin Alkyd Traffic Paints	RAC 5 HandTite Tip Guard (243161)
Gray	7250 psi (500 bar, 34.5 MPa)	Bridges, Tanks, Farms, Structural Steel and Roofing	Virtually all Paints and Coatings - Solvent and Water-base	XHD Tip Guard (XHD001)
	5000 psi (345 bar, 34.5 MPa)	Residential, Commercial or Industrial	Architectural Coatings	Flat Tip Guard (220251)
	4050 psi (280 bar, 28.0 MPa)	Cabinetry, Woodworking, Metal and Fine Finish Surfaces	Lacquers, Varnishes, Urethanes and other fine finish materials	Fine Finish Flat Tip Guard (220247)

Tip Charts

RAC X SwitchTips

(LTXxxx)



Fan Width	ORIFICE SIZE - INCHES																			
	IN	(MM)	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041
2-4 (51-102)				109	111		115													
4-6 (102-152)	207		209	211	213	215	217	219	221			225	227		231		235			
6-8 (152-203)			309	311	313	315	317	319	321	323	325	327	329	331			335			
8-10 (203-254)			409	411	413	415	417	419	421	423	425	427	429	431	433	435				
10-12 (254-305)			509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543
12-14 (305-356)				611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643
14-16 (356-406)									721	723			729			735				
16-18 (406-XXX)							817	819	821					831	833	835				
Flow Rate (gpm)	.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63	1.8	1.98	2.17
Flow Rate(lpm)	.20	.33	.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18	6.83	7.51	8.23

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

Example: for a tip with a .015 orifice and a 152 mm (6 in) pattern, order LTX315

WideRAC RAC X SwitchTips

(WRxxx)



Fan Width	ORIFICE SIZE - INCHES										WideRAC Conversion	
	IN	(MM)	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039
24 (610)	1221	1223	1225	1227	1229	1231	1233	1235	1237	1239		
Flow Rate (gpm)	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63		
Flow Rate (lpm)	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18		

RAC 5 or RAC X	WideRAC
415 or 515	1221 or 1223
417 or 517	1223 or 1225
419 or 519	1225 or 1227
421 or 612	1229 or 1231
523 or 623	1233 or 1235
525 or 625	1235 or 1237

When you use WideRAC, be sure to increase the flow rate of the tip to ensure the same mil build and rate of application (arm speed). Also, make sure your airless sprayer can support the larger tip size.

Water @ 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

Fine Finish RAC X SwitchTips

(FFTxxx)



Fan Width	ORIFICE SIZE - INCHES				
	IN	(MM)	.008	.010	.012
2-4 (51-102)			108	110	112
4-6 (102-152)			208	210	212
6-8 (152-203)			308	310	312
8-10 (203-254)				410	412
10-12 (254-305)				510	512
12-14 (305-356)					612
Flow Rate (gpm)			.07	.11	.15
Flow Rate (lpm)			.26	.41	.59

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

Example: for a tip with a .010 orifice and a 203 mm (8 in) pattern, order FFT410

RAC 5 SwitchTips

(286xxx)



Fan Width	ORIFICE SIZE - INCHES																	
	IN	(MM)	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039
2-4 (51-102)				109	111	113	115		119	121							235	
4-6 (102-152)	207		209	211	213	215	217	219	221		223	225						
6-8 (152-203)	307		309	311	313	315	317	319	321	323	325	327			331			
8-10 (203-254)			409	411	413	415	417	419	421	423	425	427	429		531	433	435	
10-12 (254-305)			509	511	513	515	517	519	521	523	525	527	529	631	633	635		
12-14 (305-356)			609	611	613	615	617	619	621	623	625	627	629	729			735	
14-16 (356-406)									721	723	725		827		831	833	835	
16-18 (406-457)						815	817	819	821								935	
18-20 (457-508)							917											
Flow Rate (gpm)	.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63	1.98
Flow Rate (lpm)	.20	.33	.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18	6.83

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

Example: for a tip with a .011 orifice and a 152 mm (6 in) pattern, order 286311

LineLazer RAC 5 SwitchTips

(LL5xxx)



Line Width	ORIFICE SIZE - INCHES													
	IN	(MM)	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035
2 (51)			213	215	217	219								
4 (102)				315	317	319	321	323	325	327	329	331	333	335
4-8 (102-204)					417	419	421	423	425	427	429	431		435
8-12 (204-305)						621	623	625	627	629	631		635	639
Flow Rate (gpm)			.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31
Flow Rate (lpm)			.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98

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

Example: for a tip with a .015 orifice and a 102 mm (4 in) pattern, order LL5215.

Fan width of a spray pattern is measured at 152 mm (6 in) from the surface

Tip Charts

XHD RAC SwitchTips

(XHDxxx)



ORIFICE SIZE - INCHES																								
Fan Width	IN	(MM)	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.047	.049
	2-4 (51-102)		107	109	111	113	115	117	119	121							235				139			
	4-6 (102-152)			209	211	213	215	217	219	221		225	227	229	231		235		239					
	6-8 (152-203)	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335	337	339	341	343	345	347		
	8-10 (203-254)		409	411	413	415	417	419	421	423	425	427	429	431	433	435	437	439	441	443	445	447		
	10-12 (254-305)		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	547	549	
	12-14 (305-356)		609	611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	647	649	
	14-16 (356-406)			711	713	715	717	719	721	723	725	727	729	731	733	735	737	739	741	743		747	749	
	16-18 (406-457)				813	815	817	819	821	823	825	827	829	831	833	835	837	839	841	843		847		
	18-20 (457-508)									923		927		931	933	935	937	939						
	Flow Rate (gpm)		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.74	.90	1.03	1.17	1.31	1.47	1.63	1.8	1.98	2.17	2.37	2.58
Flow Rate (lpm)		.20	.33	.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18	6.83	7.51	8.23	8.98	9.76	

ORIFICE SIZE - INCHES

IN	(MM)	.051	.053	.055	.057	.059	.061	.063	.065	.067	.069	.071	.075	.081
2-4 (51-102)														
4-6 (102-152)														
6-8 (152-203)	351		355		459	461	463	465	467		471	475	481	
8-10 (203-254)	451		455		559	561	563	565	567		571	575		
10-12 (254-305)	551	553	555	557	659	661	663	665	667	669	671	675		
12-14 (305-356)	651		655	657		761	763	765	767	769	771			
14-16 (356-406)	751	753	755			861	863		867					
16-18 (406-457)	851		855											
18-20 (457-508)														
Flow Rate (gpm)	2.79	3.05	3.25	3.49	3.74	4.0	4.26	4.53	4.82	5.11	5.41	6.04	7.04	
Flow Rate (lpm)	10.57	11.41	12.29	13.20	14.14	15.12	16.13	17.17	18.24	19.34	20.48	22.85	26.66	

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

Example: for a tip with a .039 in orifice and a 254 mm (10 in) pattern, order GHD539

ORIFICE SIZE - INCHES

	IN	(MM)	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.035
Fan Width	4-6	(102-152)	211	213	215	217	219			225	227			
	6-8	(152-203)	311	313	315	317	319	321	323	325	327			435
	8-10	(203-254)	411	413	415	417	419	421	423	425	427			
	10-12	(254-305)	511	513	515	517	519	521	523	525	527		531	
	12-14	(305-356)		613	615	617	619	621	623	625	627		631	635
	14-16	(356-406)			715	717	719	721		725				
	16-18	(406-457)			815		819	821			827	829	831	
	18-20	(457-508)								925				
	Flow Rate (gpm)			.12	.18	.24	.31	.38	.47	.57	.67	.74	.90	1.03
Flow Rate (lpm)			.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.98

Tip Guards

TIP GUARDS

	DESCRIPTION	THREAD SIZE	GUN	TIP
	246215 RAC X HandTite™ Tip Guard	22 mm (7/8 in)	Standard Graco thread	RAC X, FFT, WR
	246437 RAC X HandTite Tip Guard	17.5 mm (11/16 in)	Older style Graco Pole Guns, Fits Competitive Guns with 11/16 in threads	RAC X, FFT, WR
	243161 RAC 5 HandTite Tip Guard	22 mm (7/8 in)	Standard Graco thread	RAC 5, RAC IV, RAC 5 LineLazer
	243263 RAC 5 HandTite Tip Guard	17.5 mm (11/16 in)	Older style Graco Pole Guns	RAC 5, RAC IV, RAC 5 LineLazer
	XHD001 XHD RAC Tip Guard	22 mm (7/8 in)	Standard Graco thread	XHD RAC
	220251 Flat Tip Guard	22 mm (7/8 in)	Standard Graco thread	Contractor Flat Tips
	220255 Flat Tip Guard	17.5 mm (11/16 in)	Older style Graco Pole Guns, Fits Competitive Guns with 11/16 in threads	Contractor Flat Tips
	220247 Fine Finish Flat Tip Guard	22 mm (7/8 in)	Standard Graco thread	Fine Finish Flat Tips
	220249 Fine Finish Flat Tip Guard	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	Fine Finish Flat Tips

Seals and Gaskets

TIP GASKETS AND SEAL KITS

	246453 RAC X OneSeals - 5 pack. Use only with RAC X SwitchTip and Guard
	243281 RAC 5 OneSeals - 5 pack. Use only with RAC 5 SwitchTip and Guard
	248936 RAC X Solvent Seal Kit – 5 pack
	224081 RAC 5 & RAC IV Solvent Seal Kit – 5 pack
	223373 Thin Tip Gaskets – 25 pack
	223374 Thick Tip Gaskets – 25 pack
	114049 O-Ring – use with tip gaskets to securely hold in place

TIP BRUSHES

	101891 Use to clean spray tips, filters and guns.
	101892 9.5 mm x 57.15 mm (3/8 in x 2.25 in) nylon bristle
	119799 16 mm x 57.15 mm (5/8 in x 2.25 in) nylon bristle
	9.5 mm x 25.4 mm (3/8 in x 1 in) nylon bristle

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



1/4 in x 50 ft Shown

DESCRIPTION	PART NUMBER	DIAMETER	LENGTH	TYPE
BlueMax II Whip Hose	238358	4.8 mm (3/16 in)	0.9 m (3 ft)	MxF
BlueMax II Whip Hose	238959	4.8 mm (3/16 in)	1.4 m (4.5 ft)	MxF
BlueMax II Whip Hose	238359	4.8 mm (3/16 in)	1.8 m (6 ft)	MxF
BlueMax II Hose	214981	4.8 mm (3/16 in)	4.6 m (15 ft)	FBE
BlueMax II Hose	214698	4.8 mm (3/16 in)	7.5 m (25 ft)	FBE
BlueMax II Hose	214697	4.8 mm (3/16 in)	15 m (50 ft)	FBE
BlueMax II Hose	223756	6.4 mm (1/4 in)	4.6 m (15 ft)	FBE
BlueMax II Hose	240793	6.4 mm (1/4 in)	7.5 m (25 ft)	FBE
BlueMax II Hose	240794	6.4 mm (1/4 in)	15 m (50 ft)	FBE
BlueMax II Hose	223771	6.4 mm (1/4 in)	30 m (100 ft)	FBE
BlueMax II Hose	240796	9.5 mm (3/8 in)	7.5 m (25 ft)	FBE
BlueMax II Hose	240797	9.5 mm (3/8 in)	15 m (50 ft)	FBE
BlueMax II Hose	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



Available in a wide variety of lengths and diameters.



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

BLUEMAX II HP
HIGH PRESSURE HOSE



277249
277250
277351
277251
277253

XTREME-DUTY AIRLESS HOSE



H42503
H42550
H4251X
H43803
H43850
H4381X
H45050
H4501X

FITTINGS



156971

156849

158491

157350

159239

UNIONS



156823

155665

157705

159153

155570

Airless Hose and Hose Fittings

Synthetic-braided, 4000 psi (276 bar, 27.6 MPa) maximum working pressure rated at 82° C (180° F)

6.4 mm x 0.9 m (1/4 in x 3 ft) MxF Whip Hose
6.4 mm x 15 m (1/4 in x 50 ft) FBE
9.5 mm x 0.9 m (3/8 in x 3 ft) MxF Whip Hose
9.5 mm x 15 m (3/8 in x 50 ft) FBE
13 mm x 15 m (1/2 in x 50 ft) FBE

Wire-braided, 4500 psi (310 bar, 31.0 MPa) maximum working pressure rated at 82° C (180° F)

6.4 mm x 0.9 m (1/4 in x 3 ft) MxF Whip Hose
6.4 mm x 15 m (1/4 in x 50 ft) FBE
6.4 mm x 30 m (1/4 in x 100 ft) FBE
9.5 mm x 0.9 m (3/8 in x 3 ft) MxF Whip Hose
9.5 mm x 15 m (3/8 in x 50 ft) FBE
9.5 mm x 30 m (3/8 in x 100 ft) FBE
13 mm x 15 m (1/2 in x 50 ft) FBE
13 mm x 30 m (1/2 in x 100 ft) FBE

1/4 in npt x 1/4 in npt (6.4 mm x 6.4 mm) – MBE
Maximum Working Pressure: 7500 psi (517 bar, 51.7 MPa)
3/8 in npt x 3/8 in npt (9.5 mm x 9.5 mm) – MBE
Maximum Working Pressure: 6000 psi (420 bar, 42.0 MPa)
1/2 in npt x 1/2 in npt (13 mm x 13 mm) – MBE
Maximum Working Pressure: 6700 psi (462 bar, 46.2 MPa)
1/4 in npt x 3/8 in npt (6.4 mm x 9.5 mm) – MBE
Maximum Working Pressure: 5000 psi (345 bar, 34.5 MPa)
1/2 in npt x 3/8 in npt (13 mm x 9.5 mm) – MBE
Maximum Working Pressure: 5000 psi (345 bar, 34.5 MPa)

1/4 in npt(m) x 1/4 in npsm(f) (6.4 mm x 6.4 mm)
Maximum Working Pressure: 5000 psi (345 bar, 34.5 MPa)
3/8 in npt(m) x 3/8 in npsm(f) (9.5 mm x 9.5 mm)
Maximum Working Pressure: 5000 psi (345 bar, 34.5 MPa)
1/4 in npt(m) x 3/8 in npsm(f) (6.4 mm x 9.5 mm)
Maximum Working Pressure: 5000 psi (345 bar, 34.5 MPa)
3/8 in npt(f) x 1/4 in npsm(f) (13 mm x 9.5 mm)
Maximum Working Pressure: 5000 psi (345 bar, 34.5 MPa)
1/4 in npt(f) x 1/4 in npsm(f) (6.4 mm x 9.5 mm)
Maximum Working Pressure: 5000 psi (345 bar, 34.5 MPa)

Painting with a roller has never been this easy! No more climbing and stopping to dip the roller in a messy paint tray. Simply pull the gun trigger when you need more paint and keep rolling. Pressure rolling is ideal when spraying is not possible.

EvenFlow™ 230 mm (9 in)
Pressure Roller

- Evenly distributes paint with no heavy build-up
- Chrome plated, stainless steel frame is corrosion resistant
- Lightweight design for less fatigue
- Few parts for quick cleaning and easy assembly between color changes
- No tools required
- Typical pressure roller application requires 300 psi (2.1 Mpa, 21 bar)

EvenFlow Pressure Roller
Assembly

- Airless spray gun roller attachment - includes everything you need to start rolling with an airless spray gun

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

Pressure Rollers



DESCRIPTION	PART NUMBER	MAXIMUM WPR	INCLUDES
EvenFlow Pressure Roller Assembly	244279	3600 psi (248 bar, 24.8 MPa)	230 mm (9 in) EvenFlow Roller Frame 13 mm (1/2 in) Roller Cover, 50 cm (20 in) Fixed Extension and 45° angle
EvenFlow Telescoping Roller Assembly	244281	3000 psi (227 bar, 22.7 MPa)	46 cm to 91 cm (18 in to 36 in) Telescoping Extension 230 mm (9 in) EvenFlow Roller Frame and 13 mm (1/2 in) Roller Cover
EvenFlow In-Line Valve Roller Assembly	245397	3600 psi (248 bar, 24.8 MPa)	Contractor In-Line Valve, 50 cm (20 in) Fixed Extension 230 mm (9 in) EvenFlow Roller Frame and 13 mm (1/2 in) Roller Cover



Geospense™ 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
240005	230 mm (9 in) Geosperse™ Roller Frame
240055	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

Pole Guns



DESCRIPTION	PART NUMBER	MAX WPR	REPAIR KIT
0.9 m (3') Pole Gun	287023	3600 (248 bar, 24.8 MPa)	NA
1.8 m (6') Pole Gun	287024	3600 (248 bar, 24.8 MPa)	NA
CleanShot Valve	287030	3600 (248 bar, 24.8 MPa)	Valve - 244162, Swivel - 244363
In-Line Valve	244161	3600 (248 bar, 24.8 MPa)	218070



CleanShot Shut-Off Valve (287030).



Contractor In-Line Valve (244161).

Extended Reach Accessories

EXTENSIONS



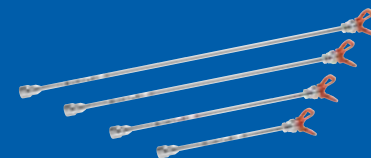
244163
244164

- Pole Gun Extensions - Maximum WPR: 3600 psi, (248 bar, 24.8 MPa)**
- Use with Contractor In-Line Valve and the CleanShot Shut-Off Valve to create different length pole guns
 - Thread Size: 22 mm (7/8 in)
- 0.9 m (3 ft)
1.8 m (6 ft)



287019
287020
287021
287022

- 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)
38 cm (15 in)
50 cm (20 in)
75 cm (30 in)



243295
243296
243297
243298

- RAC 5 Tip Extensions - Maximum WPR: 4050 psi, (280 bar, 28.0 MPa)**
- Includes: RAC 5 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)
38 cm (15 in)
50 cm (20 in)
75 cm (30 in)



232121
232122
232123
232124
232125

- Heavy Duty Extensions - Maximum WPR: 3600 psi, (248 bar, 24.8 MPa)**
- Tough, light weight aluminum construction
 - Can be combined for extended reach up to 3.6 m (12 ft)
 - Attach to any airless spray gun or In-Line Valve
 - Ideal for high pressure spraying or low pressure roller applications
- 25 cm (10 in)
50 cm (20 in)
100 cm (40 in)
150 cm (60 in)
200 cm (80 in)



218775
218776
218777

- Telescoping Extensions - Maximum WPR: 3000 psi, (207 bar, 20.7 MPa)**
- 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
- 45 to 90 cm (18 to 36 in)
90 to 180 cm (36 to 72 in)
180 to 360 cm (72 to 144 in)

ADAPTERS



235486

- 180° 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)
 - Instruction Manual: 308244



224399

- 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)

STRAINERS



246385



235004



183770



181072



189920



237840

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

- | | |
|--|--|
| 7/8 in (unf) thread - SST Cap | 390, 490, Ultra™ 395/495/595 Ultra Max 695 Lo-Boy, GMax™ 3400, LineLazer 3400, FinishPro 390, FinishPro 395 |
| 3/4 in (unf) thread - Nylon Cap | ST, STX, 295 ST, 395/495 ST Pro Stand, 455/495ST Pro Lo-Boy, Ultra Max 695/795 Lo-Boy, GM3000 Lo-Boy, 390/395/450/455/490/495ST Stand, Ultra 600 Lo-Boy |
| 3/4 in (npsm) thread - SST Cap | 455/495ST Pro Hi-Boy, Ultra Max 695 Hi-Boy, GM3000 Hi-Boy, LineLazer 3000, 495ST Hi-Boy, Ultra 500 Hi-Boy, LineLazer 3500 |
| 1 in (npsm) thread - SST Cap Double Screen | Ultra Max 795/1095/1595 Hi-Boy, GMax 3900, GMax 5900 Lo-Boy, LineLazer 3900/5900, EM 590, Ultra 750/1000/1500, GM 3500/5000, Ultra 333/433, GM7000 Lo-Boy, LineLazer 5000 |
| 1 in (npsm) thread - SST Cap Single Screen | Ultra Max II 695/795/1095/1595, GMax II 3900/5900/7900, GH™ 200/230/300, LineLazer 200HS, Mark IV, Mark V™, GMax 5900/5900 HD Hi-Boy, GMax 7900, HydraMax™ 225, GM 7000 Hi-Boy |
| 1 1/4 in (npt) thread - SST Cap | HydraMax 300/350, GM/GMax 10000, GH 733, GH 833 |
| 1/2 in (npsm) thread - Nylon Cap | 490st Hi-Boy, Ultra 600 Lo-Boy |
| Twist Lock, Nylon (unf) | 390sts |
| 1/2 in (npt) thread - SST Cap | EM390™, EM490™, Ultra 400, Ultra 500 Lo-Boy |

GUN FILTERS



287032



287033



287034



218131



218133



224455



224456

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 |
| New & Old Contractor/FTx Gun, Easy Out Filter, Blue, 100 Mesh - 1 per card |
| New & Old Contractor/FTx Gun, Easy Out Filter Pack, 60 & 100 Mesh |
| Old Contractor Gun Filter Assembly, 50 Mesh - 1 per card |
| Old Contractor Gun Filter Assembly, 100 Mesh - 1 per card |
| Old Contractor Gun Filter Screen Element, 50 Mesh - 2 per card |
| Old Contractor Gun Filter Screen Element, 100 Mesh - 2 per card |

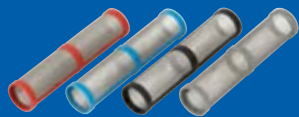
Manifold and Tip Filters

THE CORRECT FILTER REDUCES TIP CLOGS

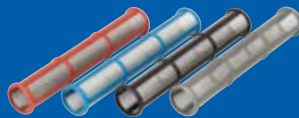
Mesh Size	200	100	60	30
Materials	Stains, Varnishes, Polyurethane, Solvent-Based Paints	Lacquers, Enamels (Solvent), Solvent-Based Paints	Acrylic, Enamels	Heavy Acrylic, Block Filler, Elastomeric
Use with Tip Sizes	.007" - .013"	.013" - .015"	.015" - .029"	.031" +

Clean and replace filters often to ensure proper spraying pressure

MANIFOLD FILTERS



246425
246384
246382
246383



244071
244067
244068
244069

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



224454
224453
164120
220254

Provides additional filtering when using a flat tip to help reduce tip plugging and provide a higher quality finish.

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

Fluids and Pump Lowers

PUMP ARMOR™



243103
245133

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.

1 Liter (1 Quart)

3.8 Liters (1 Gallon)

TSL™ THROAT SEAL LIQUID



206994
206995
206996

Prevents paint and coatings from drying onto the displacement rod and packings
Extends pump life

.24 Liter (8 ounces)

1 Liter (1 Quart)

3.8 Liters (1 Gallon)

HYDRAULIC FLUID

Use with Graco HydraMax and GH Sprayers

207428

3.8 Liters (1 Gallon)

PUMP LOWERS



17C720

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.)

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.

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