



# Airless Accessories

Essential Tools for Maximum Productivity and Performance



PROVEN QUALITY. LEADING TECHNOLOGY.

## Airless Accessories



Essential Tools for Maximum Productivity and Performance



**New Airless Spray Guns**

Gun and Hose Kits

**New Airless Tips**

Tip Guards, Seals & Gaskets

Airless Hose & Hose Fittings

Pressure Rollers & Accessories

Pole Guns & Accessories

Strainers & Filters

Fluids



*"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



Only Graco® delivers essential tools for maximum productivity and performance, backed by a solid reputation for proven quality, reliability, warranty and unmatched on-the-job performance. Graco accessories are designed to meet the professional painting contractor's standards for quality and performance. Graco is the name to turn to today and as your business grows.



### Proven Quality

- Graco parts and accessories are made from the highest quality materials to withstand extreme conditions.
- Every Graco Airless Gun and RAC® Spray Tip is tested prior to shipment.

### Maximum Performance

- Airless accessories maximize job performance by providing a wide variety of accessory options for every application.
- Each accessory offers unique features for top spraying performance.

### Longest Warranty

- Graco is the industry leader in contractor spray equipment and stands behind its products.
- Airless accessories provide a one-year warranty on hard parts.

### Unmatched Productivity

- Choose from a full line of accessories to make the job easier and get the work done faster.
- Essential tools for maximum productivity and performance.

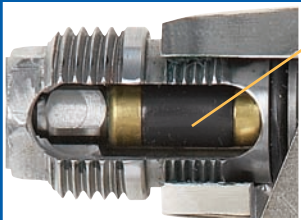
# New Contractor™ & FTx™ Guns

## Exclusive New FlexSeal® Design

Introducing breakthrough needle design technology that protects the needle from paint, preventing wear and gun spitting – making the New Contractor and FTx Guns our longest lasting, most reliable guns! You'll get the maximum performance, reliability and comfort that you've come to expect from Graco.

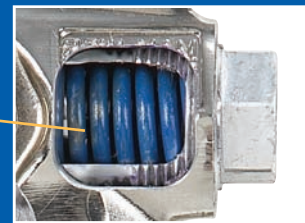
### Exclusive FlexSeal™ Totally Enclosed Needle Design (patent-pending)

- 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

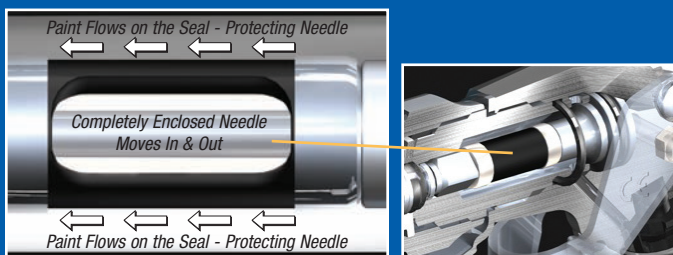
- New Contractor gun's form-fitted handle maximizes operator control and comfort.

### Durable Nickel Finish

- Premium nickel finish is corrosion resistant and easier to clean.

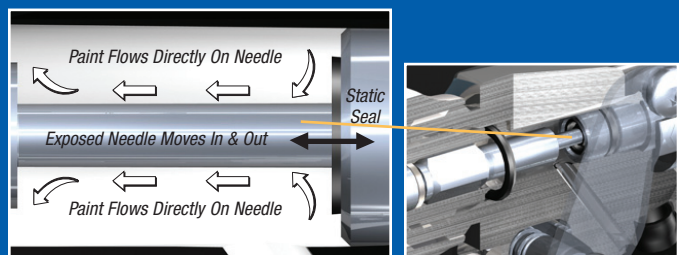
## GRACO VS OTHER INDUSTRY-STANDARD NEEDLE DESIGNS

### 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.

Introducing the new, 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 New 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

### New 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

### New 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

### New EasyGlide™ Swivel

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

## New Contractor & FTx Guns

*Exclusive New FlexSeal™ Design*



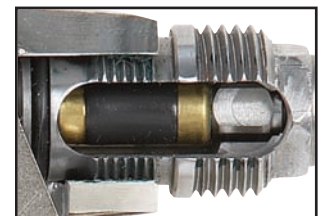
DESCRIPTION	PART NUMBER	TRIGGER	TIP INCLUDED	GUARD
Contractor Gun	288420	2-Finger	RAC X™ 517	RAC X
Contractor Gun	288425	4-Finger	RAC X 517	RAC X
Contractor Gun	288421	2-Finger	RAC® 5 517	RAC
FTx Gun	288430	4-Finger	RAC X 515	RAC X
FTx Gun	288429	2-Finger	RAC X 515	RAC X
FTx Gun	288431	4-Finger	RAC 5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



New 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



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

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).

# Airless Spray Gun Specifications

## New Contractor Gun



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
- **Instruction Manual:** 311861
- **Working Pressure:** 3600 psi (248 bar, 24.8 MPa)
- **Fluid Orifice Diameter:** 0.125 in (3.2 mm)

## New FTx Gun



PART NUMBER	TRIGGER	TIP	GUARD
288430	4-Finger	RAC X 515	RAC X
288429	2-Finger	RAC 5 515	RAC X
288431	4-Finger	RAC 5 515	RAC 5

- **Repair Kit:** 288488
- **Instruction Manual:** 311861
- **Working Pressure:** 3600 psi (248 bar, 24.8 MPa)
- **Fluid Orifice Diameter:** 0.125 in (3.2 mm)

## Silver Plus Gun



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)
- **Instruction Manual:** 309740
- **Working Pressure:** 5000 psi (345 bar, 34.5 MPa)
- **Fluid Orifice Diameter:** 0.090 in (2.3 mm)  
0.037 in (0.94 mm): 235462 for light viscosity materials

## Heavy Duty Texture Gun



PART NUMBER	TRIGGER	TIP	GUARD
241705	4-Finger	RAC X <sup>®</sup> 531	Heavy Duty RAC

- **Repair Kit:** 237260
- **Instruction Manual:** 308491
- **Working Pressure:** 4000 psi (276 bar, 27.6 MPa)
- **Fluid Orifice Diameter:** 0.125 in (3.2 mm)
- 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

## Flex Plus™ Gun



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
- **Instruction Manual:** 309045
- **Working Pressure:** 5000 psi (345 bar, 34.5 MPa)
- **Fluid Orifice Diameter:** 0.090 in (2.3 mm)
- Lightest weight gun, available for airless spray and line striping applications
- Airless hose connects directly to gun through spring guard mount on handle base

## SG3™ Gun



PART NUMBER	TRIGGER	TIP	GUARD
243012	4-Finger	RAC IV 515	RAC IV
246506	4-Finger	RAC 5 515	RAC 5

- **Repair Kit:** 218070
- **Instruction Manual:** 309045
- **Working Pressure:** 3600 psi (248 bar, 24.8 MPa)
- **Fluid Orifice Diameter:** 0.125 in (3.2 mm)
- 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	1/4 in x 50 ft (6.4 mm x 15 m)	3300 psi (227 bar, 22.7 MPa)	RAC X 517	HandTite Guard, 3 ft (0.9 m) Whip Hose
288490	Contractor	3/8 in x 50 ft (9.5 mm x 15 m)	3300 psi (227 bar, 22.7 MPa)	RAC X 517	HandTite Guard, 3 ft (0.9 m) Whip Hose
288493	FTx	1/4 in x 50 ft (6.4 mm x 15 m)	3300 psi (227 bar, 22.7 MPa)	RAC X 515	HandTite Guard
287041	Silver Plus	1/4 in x 50 ft (6.4 mm x 15 m)	3300 psi (227 bar, 22.7 MPa)	RAC X 517	HandTite Guard, 3 ft (0.9 m) Whip Hose
287042	Silver Plus	3/8 in x 50 ft (9.5 mm x 15 m)	3300 psi (227 bar, 22.7 MPa)	RAC X 517	HandTite Guard, 3 ft (0.9 m) Whip Hose
287043	Silver Plus	3/8 in x 50 ft (9.5 mm x 15 m)	4000 psi (276 bar, 27.6 MPa)	RAC X 517	HandTite Guard, 3 ft (0.9 m) Whip Hose
287095	Flex Plus	1/4 in x 50 ft (6.4 mm x 15 m)	3300 psi (227 bar, 22.7 MPa)	RAC X 517	HandTite Guard, 3 ft (0.9 m) Whip Hose
287850	Silver Plus	3/8 in x 50 ft (9.5 mm x 15 m)	4000 psi (276 bar, 27.6 MPa)	RAC X 517	HandTite Guard, RAC X 655 Tip 1/4 in x 3 ft (6.3 mm x 0.9 m) Whip Hose
287851	Flex Plus	3/8 in x 50 ft (9.5 mm x 15 m)	4000 psi (276 bar, 27.6 MPa)	RAC X 517	HandTite Guard, RAC X 655 Tip 1/4 in x 3 ft (6.3 mm x 0.9 m) Whip Hose
241338	HD Texture	3/8 in x 50 ft (9.5 mm x 15 m)	3300 psi (227 bar, 22.7 MPa)	RAC X 531	RAC X Guard, RAC X 427 Tip 1/4 in x 3 ft (6.4 mm x 0.9 m) Whip Hose
287852	HD Texture	3/8 in x 50 ft (9.5 mm x 15 m)	4000 psi (276 bar, 27.6 MPa)	RAC X 531	RAC X Guard, RAC X 655 Tip 1/4 in x 3 ft (6.4 mm x 0.9 m) Whip Hose



## RAC X FINE FINISH



	GUN	BLUEMAX II AIRLESS HOSE	HOSE WPR	TIP	INCLUDES
288501	Contractor	3/16 in x 25 ft (4.8 mm x 7.5 m)	3300 psi (227 bar, 22.7 MPa)	RAC X FFT210	HandTite Guard, FFT310 Tip 10 in (25 cm) Tip Extension (2) 100 Mesh Gun Filters Solvent Seal Kit Cleaning Brush
287823	Silver Plus .037 in (.94 mm) orifice	3/16 in x 25 ft (4.8 mm x 7.5 m)	3300 psi (227 bar, 22.7 MPa)	RAC X FFT210	HandTite Guard, FFT310 Tip 10 in (25 cm) Tip Extension (2) 100 Mesh Tip Filters Gun Filter Housing Solvent Seal Kit Cleaning Brush



# Gun and Hose Kits and Adapters

## RAC 5



288496

288497

243321

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

## RAC IV



243105

GUN	AIRLESS HOSE	HOSE WPR	TIP	INCLUDES
SG3	1/4 in x 50 ft (6.4 mm x 15 m)	3000 psi (207 bar, 20.7 MPa)	RAC IV 515	RAC IV Guard

## 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)

189018

Gun Swivel - provides a swiveling joint between gun and hose for high pressure sprayers. Install at gun inlet.

- 1/4 in npsm(m), 1/4 in npsm(f), Maximum Working Pressure: 5600 psi (386 bar, 38.6 MPa)



181085

Gun Adapter - converts 11/16 in (17.5 mm) gun thread on competitive guns to accept the 7/8 in (22 mm) thread used on most Graco accessories.

# Expanded RAC X SwitchTips Product Line



Graco has developed a full-range RAC X SwitchTip product line to cover every application on the market today! Newly added 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)

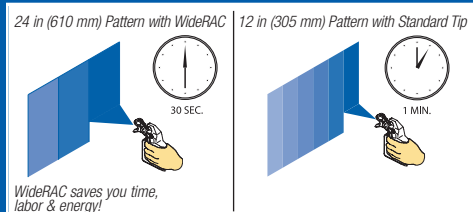
- The WideRAC covers double the area in half the time - increased flow rate ensures the proper mil build
- WideRAC tips are made for high production, new construction applications which may require larger airless sprayers

## 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

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 can cover the same area in 3 passes and in half the time!



WideRAC saves you time, labor & energy!



WiderAC Tips – complete jobs in half the time  
Extra wide pattern, 24 in (61 cm) (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

### New XHD™ RAC SwitchTip (Gray Handle)

- Recommended for Xtreme® Sprayers and XTR Airless Spray Guns
- Newly designed XHD is interchangeable with GHD guards and tips
- No tools required! Change tips in seconds
- Locking tab ensures tip stays securely in tip guard

## RAC 5 SwitchTips



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).

# Tip Specifications



## RAC X SWITCHTIP

LTXxxx

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)



## WIDERAC RAC X SWITCHTIP

WRxxx

COLOR	MAXIMUM WPR	TYPICAL APPLICATIONS	BEST USED WITH THESE MATERIALS	TIP GUARD
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)



## FINE FINISH RAC X SWITCHTIP

FFTxxx

COLOR	MAXIMUM WPR	TYPICAL APPLICATIONS	BEST USED WITH THESE MATERIALS	TIP GUARD
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)



## RAC 5 SWITCHTIP

286xxx

COLOR	MAXIMUM WPR	TYPICAL APPLICATIONS	BEST USED WITH THESE MATERIALS	TIP GUARD
Black	4050 psi (280 bar, 28.0 MPa)	Residential, Commercial or Industrial	Lacquers to Mastics Latex Paints	RAC 5 HandTite Tip Guard (243161)



## LINELAZER RAC 5 SWITCHTIP

LL5xxx

COLOR	MAXIMUM WPR	TYPICAL APPLICATIONS	BEST USED WITH THESE MATERIALS	TIP GUARD
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)



## NEW XHD RAC SWITCHTIP

XHDxxx

COLOR	MAXIMUM WPR	TYPICAL APPLICATIONS	BEST USED WITH THESE MATERIALS	TIP GUARD
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)



## CONTRACTOR FLAT TIPS

269xxx

	MAXIMUM WPR	TYPICAL APPLICATIONS	BEST USED WITH THESE MATERIALS	TIP GUARD
	5000 psi (345 bar, 34.5 MPa)	Residential, Commercial or Industrial	Architectural Coatings	Flat Tip Guard (220251)



## FINE FINISH FLAT TIPS

163xxx

	MAXIMUM WPR	TYPICAL APPLICATIONS	BEST USED WITH THESE MATERIALS	TIP GUARD
	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)

Choosing the right equipment for your business is essential.

Choosing a quality tip will determine the quality of your finish and help you save a significant amount of time and money.

Each Graco tip is 100% tested for flow rate to meet the tough standards of painting contractors. These careful processes ensure you of the quality you've come to expect from Graco.

## Graco Tips Are Easy To Identify

### For example: RAC X LTX-517

1. The first three digits (LTX) are Graco's identification numbers which differentiate various tip styles. An LTX is a Graco RAC X SwitchTip. The second three digits (517) represent the actual tip size (fan and orifice).
2. The number (5), when doubled, indicates approximate fan width when spraying 12 inches (305 mm) from the surface. The fan width on a 517 tip is approximately 10 to 12 inches (254 mm to 305 mm). All Graco tips are tested 12 inches (305 mm) from the surface with the same test material, at the same spraying pressure (LL5 at 6 inches). Different materials and spraying pressures may slightly change the width of your actual fan pattern.
3. The last two digits (17) indicate the tip has a hole size of 0.017 of an inch (0.43 mm). The hole size is directly related to the amount of paint that will flow through the tip. 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).



The 517 indicates the tip size:

- The fan size is double the first digit (5), or 10 inches.
- The orifice size is (17) thousandths of an inch, or .017.

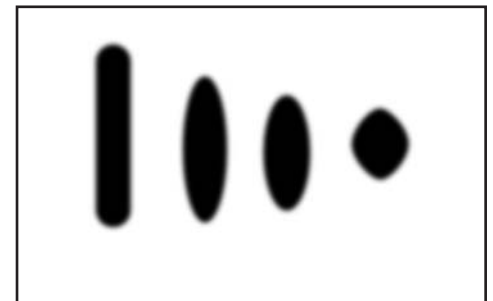
### Worn Tips Cost Time and Money

- A worn tip uses 25% more paint
- Produces uneven coverage and inconsistent mil build
- Reduces production – requires 20% more passes
- Results in a poor quality finish

### Some Quick Rules On Selecting Tip Sizes

- Use smaller orifice sizes when applying lower viscosity materials such as stains and lacquers
- Use larger orifice sizes for heavier viscosity coatings such as latexes or oil bases

### Tip Wear Chart



If a contractor is using a worn tip, on average he will spray 25% additional paint and use an additional 20% of labor.

MATERIALS TO BE SPRAYED	RECOMMENDED TIP SIZES
Oil Base Stains, Lacquers and Clear Coats*	0.009 - 0.013
Oil Base Enamels, Industrial Enamels	0.013 - 0.015
Latex Paint	0.015 - 0.019
Heavy Latex and Smooth Elastometrics	0.021 - 0.025
Elastometrics and Block Fillers	0.025 - 0.039

Chart is a guide - actual tip sizes used will vary depending on material

\* Fine Finish tip recommended

# Tip Charts

## RAC X SwitchTips

(LTXxxx)



		ORIFICE SIZE - INCHES																											
		IN	(MM)	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.051	.055	.061	.065	.071	
Fan Width	2-4 (51-102)			109	111			115																					
	4-6 (102-152)	207	209	211	213	215	217	219	221				225	227				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	439	441	443	445	451	455	561		
	12-14 (305-356)			611	613	615	617	619	621	623	625	627			629	631	633	635		637	639	641	643	645	651	655	661	665	671
	16-18 (356-406)							817	819	821					827														
	Flow Rate (gpm)		.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31													
	Flow Rate (lpm)		.33	.49	.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 6 in (152 mm) pattern, order LTX315

## WideRAC RAC X SwitchTips

(WRxxx)



		ORIFICE SIZE - INCHES											
		IN	(MM)	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039
Fan Width	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		

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 24 in (610 mm) pattern, order WR1227

### WideRAC Conversion

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.

## Fine Finish RAC X SwitchTips

(FFTxxx)



		ORIFICE SIZE - INCHES					
		IN	(MM)	.008	.010	.012	.014
Fan Width	2-4 (51-102)			108	110	112	
	4-6 (102-152)	208	210	212	214		
	6-8 (152-203)	308	310	312	314		
	8-10 (203-254)		410	412	414		
	10-12 (254-305)		510	512	514		
	12-14 (305-356)			612	614		
	Flow Rate (gpm)		.07	.11	.15	.21	
	Flow Rate (lpm)		.26	.41	.59	.80	

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 8 in (203 mm) pattern, order FFT410

## RAC 5 SwitchTips

(286xxx)



		ORIFICE SIZE - INCHES																								
		IN	(MM)	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.043	.045	.051	.055	.063	.065	
Fan Width	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							331								
	6-8 (152-203)	307	309	311	313	315	317	319	321	323	325	327														
	8-10 (203-254)		409	411	413	415	417	419	421	423	425	427			429			433	435	439	443		451	455	563	
	10-12 (254-305)		509	511	513	515	517	519	521	523	525	527			529	531	533	535				543		551	555	665
	12-14 (305-356)		609	611	613	615	617	619	621	623	625	627			629	631	633	635				645		651	655	
	14-16 (356-406)								721	723	725				729			735								
	16-18 (406-457)						815	817	819	821					827			831	833	835						
	18-20 (457-508)							917										835	835							
		Flow Rate (gpm)		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.63	1.98	2.17	2.79	3.25	4.26	4.53	
	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	6.18	7.51	8.23	10.57	12.29	16.13	17.17		

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 6 in (152 mm) pattern, order 286311

## LineLazer RAC 5 SwitchTips

(LL5xxx)



		ORIFICE SIZE - INCHES															
		IN	(MM)	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.055
Line Width	2 (51)	213	215	217	219												
	4 (102)		315	317	319	321	323	325	327	329	331	333					355
	4-8 (102-204)			417	419	421	423	425	427	429	431						
	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	1.63	3.25	
	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	6.18	12.29	

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 4 in (102 mm) pattern, order LL5215. Fan width of a spray pattern is measured at 6 in (152 mm) from the surface

# Tip Charts

## XHD RAC SwitchTips

(XHDxxx)



ORIFICE SIZE - INCHES

Fan Width	IN (MM)	ORIFICE SIZE - INCHES																					
		.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															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	449	
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	745	747	749	
16-18 (406-457)				813	815	817	819	821	823	825	827	829	831	833	835	837	839	841	843				
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

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

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 10 in (254 mm) pattern, order GHD539

## Contractor Flat Tips

(269xxx)



ORIFICE SIZE - INCHES

Fan Width	IN (MM)	ORIFICE SIZE - INCHES											
		.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.035
4-6 (102-152)		211	213	215	217	219		225	227				
6-8 (152-203)		311	313	315	317	319	321	323	325	327			
8-10 (203-254)		411	413	415	417	419	421	423	425	427		435	
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	1.31
Flow Rate (lpm)		.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	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 0.011 in orifice and a 10 in (254 mm) pattern, order 269511

## Fine Finish Flat Tips

(163xxx)



ORIFICE SIZE - INCHES

Fan Width	IN (MM)	ORIFICE SIZE - INCHES												
		.008	.010	.012	.014	.016	.018	.020	.022	.024	.026	.028	.030	.032
2-4 (51-102)	108	110												
4-6 (102-152)		210	212	214	216	218			224				232	
6-8 (152-203)		310	312	314	316	318	320	322	324				432	
8-10 (203-254)	408	410	412	414	416	418	420		424	426	428	430		
10-12 (254-305)		510	512	514	516	518	520	522	524	526	528	530		
12-14 (305-356)		610	612	614	616	618	620	622	624	626	628			
14-16 (356-406)			712	714	716	718			726					
16-18 (406-457)				814	816	818	820	822	824	826	828		832	
18-20 (457-508)				912	914	918		922	924	926				
Flow Rate (gpm)		.07	.11	.15	.21	.27	.35	.43	.52	.62	.73	.84	.97	
Flow Rate (lpm)		.26	.41	.59	.80	1.04	1.32	1.63	1.97	2.34	2.75	3.19	3.66	

Water @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate  
 Example: for a tip with a 0.010 in orifice and a 10 in (254 mm) pattern, order 163510

# Tip Guards

## TIP GUARDS



246215  
246437

RAC X HandTite™ Tip Guard  
RAC X HandTite Tip Guard

7/8 in (22 mm)  
11/16 in (17.5 mm)

Standard Graco thread  
Older style Graco Pole Guns,  
Fits Competitive Guns  
with 11/16 in threads

RAC X, FFT, WR  
RAC X, FFT, WR



243161  
243263

RAC 5 HandTite Tip Guard  
RAC 5 HandTite Tip Guard

7/8 in (22 mm)  
11/16 in (17.5 mm)

Standard Graco thread  
Older style Graco Pole Guns

RAC 5, RAC IV,  
RAC 5 LineLazer  
RAC 5, RAC IV,  
RAC 5 LineLazer



XHD001

XHD RAC Tip Guard

7/8 in (22 mm)

Standard Graco thread

XHD RAC



220251  
220255

Flat Tip Guard  
Flat Tip Guard

7/8 in (22 mm)  
11/16 in (17.5 mm)

Standard Graco thread  
Older style Graco Pole Guns,  
Fits Competitive Guns  
with 11/16 in threads

Contractor Flat Tips  
Contractor Flat Tips



220247  
220249

Fine Finish Flat Tip Guard  
Fine Finish Flat Tip Guard

7/8 in (22 mm)  
11/16 in (17.5 mm)

Standard Graco thread  
Older style Graco Pole Guns,  
Fits Competitive Guns with  
11/16 in threads, Tip Filter  
Housings and Swivel Adapters

Fine Finish Flat Tips  
Fine Finish Flat Tips



# Seals and Gaskets

## TIP GASKETS AND SEAL KITS



246453  
243281

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



248936  
224081  
223373  
223374  
114049

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  
O-Ring – use with tip gaskets to securely hold in place

## TIP BRUSHES



101891  
101892  
119799

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

# BlueMax™ II Hose



1/4 in x 50 ft Shown

DESCRIPTION	PART NUMBER	DIAMETER	LENGTH	TYPE
BlueMax II Whip Hose	238358	3/16 in (4.8 mm)	3 ft (0.9 m)	MxF
BlueMax II Whip Hose	238959	3/16 in (4.8 mm)	4.5 ft (1.4 m)	MxF
BlueMax II Whip Hose	238359	3/16 in (4.8 mm)	6 ft (1.8 m)	MxF
BlueMax II Hose	214981	3/16 in (4.8 mm)	15 ft (4.6 m)	FBE
BlueMax II Hose	214698	3/16 in (4.8 mm)	25 ft (7.5 m)	FBE
BlueMax II Hose	214697	3/16 in (4.8 mm)	50 ft (15 m)	FBE
BlueMax II Hose	223756	1/4 in (6.4 mm)	15 ft (4.6 m)	FBE
BlueMax II Hose	240793	1/4 in (6.4 mm)	25 ft (7.5 m)	FBE
BlueMax II Hose	240794	1/4 in (6.4 mm)	50 ft (15 m)	FBE
BlueMax II Hose	223771	1/4 in (6.4 mm)	100 ft (30 m)	FBE
BlueMax II Hose	240796	3/8 in (9.5 mm)	25 ft (7.5 m)	FBE
BlueMax II Hose	240797	3/8 in (9.5 mm)	50 ft (15 m)	FBE
BlueMax II Hose	241275	3/8 in (9.5 mm)	100 ft (30 m)	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).

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.

### 3/16" (4.8 mm) 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

### 1/4" (6.4 mm) Airless Hose

- Most commonly sold hose diameter – for all applications

### 3/8" (9.5 mm) 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 HP HIGH PRESSURE HOSE



277249	1/4 in x 3 ft (6.4 mm x 0.9 m) MxF Whip Hose
277250	1/4 in x 50 ft (6.4 mm x 15 m) FBE
277351	3/8 in x 3 ft (9.5 mm x 0.9 m) MxF Whip Hose
277253	3/8 in x 50 ft (9.5 mm x 15 m) FBE
277251	1/2 in x 50 ft (13 mm x 15 m) FBE

## XTREME-DUTY AIRLESS HOSE



H42503	1/4 in x 3 ft (6.4 mm x 0.9 m) MxF Whip Hose
H42550	1/4 in x 50 ft (6.4 mm x 15 m) FBE
H4251X	1/4 in x 100 ft (6.4 mm x 30 m) FBE
H43803	3/8 in x 3 ft (9.5 mm x 0.9 m) MxF Whip Hose
H43850	3/8 in x 50 ft (9.5 mm x 15 m) FBE
H4381X	3/8 in x 100 ft (9.5 mm x 30 m) FBE
H45050	1/2 in x 50 ft (13 mm x 15 m) FBE
H4501X	1/2 in x 100 ft (13 mm x 30 m) FBE

## FITTINGS



156971	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)
156849	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)
158491	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)
157350	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)
159239	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)

## UNIONS



156823	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)
155665	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)
157705	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)
159153	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)
155570	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)

## AIRLESS FITTINGS PAK



# Airless Hose and Hose Fittings

**Synthetic-braided, 4000 psi (276 bar, 27.6 MPa) maximum working pressure rated at 180° (82.2° C)**

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

**Wire-braided, 4500 psi (310 bar, 31.0 MPa) maximum working pressure rated at 180° (82.2° C)**

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

The Airless Fittings Pak provides an assortment of the most commonly sold adapters, fittings, swivel unions and gaskets in an organized carrying case. All parts are pictured and labeled on the inside cover, making re-ordering easy. See your local distributor to order the Airless Fittings Pak.

# Pressure Rollers

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™ 9 in (230 mm) 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

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



GeoSpense™ 12 in (305 mm) Pressure Roller.



9 in (230 mm) EvenFlow Roller Frame.



Graco perforated Roller Covers.

# Pressure Roller Accessories

## PRESSURE ROLLER FRAMES



- 244271 9 in (230 mm) EvenFlow Roller Frame with 7/8 in (22 mm) thread; for use with Graco Heavy Duty Extensions
- 244623 9 in (230 mm) 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 9 in (230 mm) Geospense™ Roller Frame
- 240055 12 in (305 mm) Geospense Roller Frame

## ROLLER COVERS



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

# Pole Guns

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

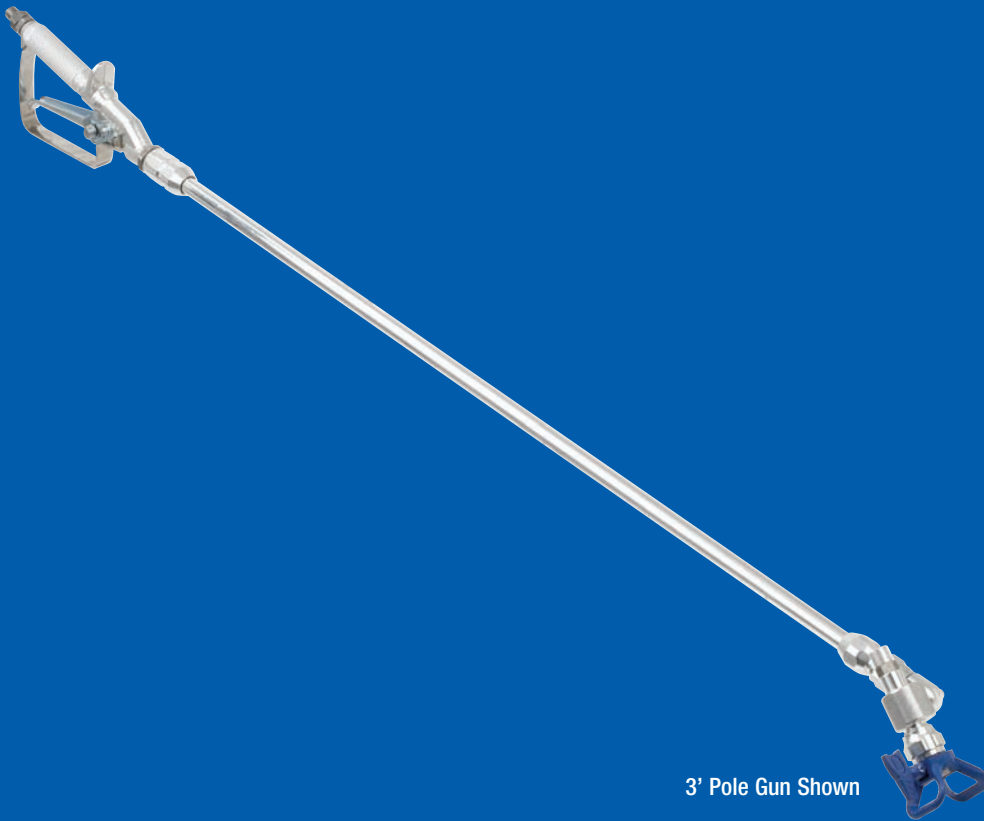
- Unique needle valve shuts fluid off at the tip for a clean pattern – no spitting
- 180 degree tip swivel provides versatility when spraying walls and ceilings
- Pressure-actuated – operates at a minimum of 700 psi (4.8 Mpa, 48 bar)

## 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



3' Pole Gun Shown

DESCRIPTION	PART NUMBER	MAX WPR	REPAIR KIT
3' Pole Gun (0.9 m)	287023	3600 (248 bar, 24.8 MPa)	NA
6' Pole Gun (1.8 m)	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)

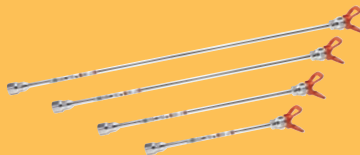
- Use with Contractor In-Line Valve and the CleanShot Shut-Off Valve to create different length pole guns
- Thread Size: 7/8 in (22 mm)
- 3 ft (0.9 m)
- 6 ft (1.8 m)



287019  
287020  
287021  
287022

### RAC X Tip Extensions - Maximum WPR: 4050 psi, (280 bar, 28.0 MPa)

- Includes: RAC X HandTite Guard standard with 7/8 in (22 mm) gun nut and OneSeal
- Can be combined for extended reach up to 6 ft (1.8 m)
- 10 in (25 cm)
- 15 in (38 cm)
- 20 in (50 cm)
- 30 in (75 cm)



243295  
243296  
243297  
243298

### RAC 5 Tip Extensions - Maximum WPR: 4050 psi, (280 bar, 28.0 MPa)

- Includes: RAC 5 HandTite Guard standard with 7/8 in (22 mm) gun nut and OneSeal
- Can be combined for extended reach up to 6 ft (1.8 m)
- 10 in (25 cm)
- 15 in (38 cm)
- 20 in (50 cm)
- 30 in (75 cm)



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 12 ft (3.6 m)
- Attach to any airless spray gun or In-Line Valve
- Ideal for high pressure spraying or low pressure roller applications
- 10 in (25 cm)
- 20 in (50 cm)
- 40 in (100 cm)
- 60 in (150 cm)
- 80 in (200 cm)



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 7/8 in (22 mm) Contractor In-Line Valve
- 18 to 36 in (45 to 90 cm)
- 36 to 72 in (90 to 180 cm)
- 72 to 144 in (180 to 360 cm)

## ADAPTERS



235486

### 180° Easy Turn Directional Spray Nozzle

- Sprays at a variety of angles by attaching to Heavy Duty Extensions
- Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)
- Thread Size: 7/8 in (22 mm)
- Instruction Manual: 308244



224399

### 45° Adapter

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

# Strainers and Gun Filters

## STRAINERS



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

246385	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
235004	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
183770	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
181072	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
189920	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
237840	1 1/4 in (npt) thread - SST Cap	HydraMax 300/350, GM/GMax 10000, GH 733, GH 833
237675	1/2 in (npsm) thread - Nylon Cap	490st Hi-Boy, Ultra 600 Lo-Boy
237820	Twist Lock, Nylon (unf)	390sts
181073	1/2 in (npt) thread - SST Cap	EM390™, EM490™, Ultra 400, Ultra 500 Lo-Boy

## GUN FILTERS



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

287032	New & Old Contractor/FTx Gun, Easy Out Filter, Black, 60 Mesh - 1 per card
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	Old Contractor Gun Filter Assembly, 50 Mesh - 1 per card
218133	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



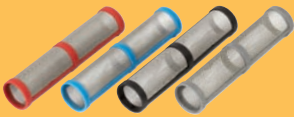
# Manifold and Tip Filters

## THE CORRECT FILTER REDUCES TIP CLOGS

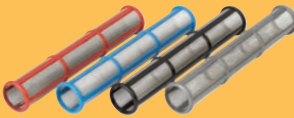
Mesh Size	200	100	60	30
Materials	Stains, Varnishes Polyurethane Solvent-Based Paints	Lacquers, Enamels (Solvent) Solvent-Based Paints	Latex Enamels (Latex)	Heavy Latex Block Filler Elastomeric
Use with Tip Sizes	.007" - .013"	.013" - .015"	.015" - .029"	.031"+

*Clean and replace filters often to ensure proper spraying pressure*

### MANIFOLD FILTERS



246425  
246384  
246382  
246383



244071  
244067  
244068  
244069

243080  
243081  
243226



236495  
236496  
236497  
236498



224458  
224459  
224468  
224469

### TIP FILTERS



224454  
224453  
164120  
220254

**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, GH200 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

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

## PUMP ARMOR™



243103

Protects pump for storage and freeze proof to - 30° F (-34.4° C).  
Fill pump with Pump Armor and leave it in until you use it again.

1 Quart (1 Liter)

245133

1 Gallon (3.8 Liters)

## TSL™ THROAT SEAL LIQUID



206994

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

8 ounces (.24 Liter)

206995

1 Quart (1 Liter)

206996

1 Gallon (3.8 Liters)

## HYDRAULIC FLUID

207428

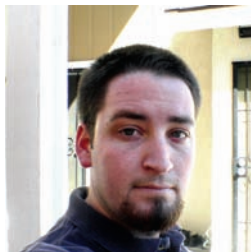
Use with Graco HydraMax™ and GH™ Sprayers

1 Gallon (3.8 Liters)

# Accessories Warranty

## 1-Year Warranty

Coverage against defects in materials and workmanship on accessories and parts.



*"Time is money. Airless accessories are lightweight, easy to use and clean, and the performance is excellent. I buy Graco because they have the right tool for the right job."*

- Joey Clemens -

Superior Home Design and Renovation  
Orange County, CA



## 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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