

Airless Accessories

Essential Tools for Maximum Productivity and Performance



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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



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)



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 JetRoller System

PART # 24U170

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

INCLUDES

27 cm Roller Handle Assembly30 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

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 24V832 **Extension**

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"
- 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

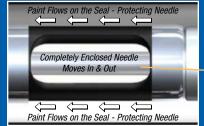
 Contractor gun's form-fitted handle maximizes operator control and comfort.

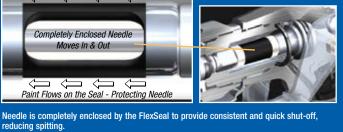
Durable Nickel Finish

 Premium nickel finish is corrosion resistant and easier to clean.

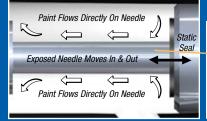
GRACO VS OTHER INDUSTRY-STANDARD NEEDLE DESIGNS

Graco's FlexSeal Totally Enclosed Needle Design





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, 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
- 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 oun 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!

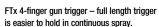
Contractor & FTx Guns

Exclusive FlexSeal* Design



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







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
- 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 fatique
- 2-finger design provides more control of gun while spraying

Stainless Steel Fluid Tube

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

RAC X[™] SwitchTip[™] and HandTite[™] Guard

- Exceptional life, pattern and finish
- Seals when hand tightened no tools required
- Quickly change from vertical to horizontal spray without loosening guard nut

Light Viscosity Needle Kit

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

Airless Spray Gun Specifications

Contractor Gun



• Repair Kit: 288488 • Instruction Manual: 311861

- **GUARD** 2-Finger RAC X 517 RAC X RAC X 517 4-Finger RAC X 2-Finger RAC 5 515 RAC 5
 - Working Pressure: 3600 psi (248 bar, 24.8 MPa)
- Fluid Orifice Diameter: 3.2 mm (0.125 in)

FTx Gun



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

• Repair Kit: 288488

PART NUMBER

288425

288421

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

Silver Plus Gun



Heavy Duty Texture Gun

• Repair Kit: 235474 (For 235462, Instruction Manual: 309740

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

GHARD

- PART NUMBER TRIGGER GUARD 241705 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

Flex Plus™ Gun



SG3[™] Gun





- PART NUMBER TRIGGER GHARD 246468 RAC X 517 2-Finger 248157 RAC 5 LineLazer 319 2-Finger RAC 5 • Working Pressure: 5000 psi (345 bar, 34.5 MPa) • Repair Kit: 235474 • 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 GUARD 246506 RAC 5 515
 - Working Pressure: 3600 psi (248 bar, 24.8 MPa)
- Fluid Orifice Diameter: 3.2 mm (0.125 in) • Instruction Manual: 309045
- 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 6.3 mm x 0.9 m (⁻	HandTite Guard, RAC X 655Ti 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 Ti $6.3 \text{ mm x } 0.9 \text{ m } (1/4 \text{ in x } 3 \text{ ft})$ 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 $6.4 \text{ mm x } 0.9 \text{ m } (1/4 \text{ in x } 3 \text{ ft})$ 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 $6.4 \text{ mm x } 0.9 \text{ m } (1/4 \text{ in x } 3 \text{ ft})$ 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

288496

288497

243321



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

GUN ADAPTERS



210500



224457

181085



Gun Filter Housing - connects to gun inlet for added filtration. Use tip filters 224454 and 224453. • 1/4 in npsm(m), 1/4 in npsm(f), Maximum Working Pressure: 5000 psi (345 bar, 34.5 MPa)

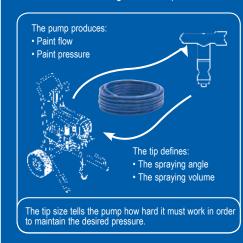
Gun Swivel - provides a swiveling joint between gun and hose for free gun movement. Install at gun inlet. • 1/4 in npsm(m), 1/4 in npsm(f), Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)

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

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 it's spray angle when spraying at 30 cm distance from the surface. The angle is indicated with one number only:

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



Wide RAC®

The wider the spray pattern, the faster the surface is painted. Wide spraying greatly improves productivity.

However, wide spraying is difficult to control and wide spray tips are not available in all sizes. Graco provides a special range of RAC X™ tips, WAxxxx, specifically cut to provide a superb result at a wide angle, saving you time.

The Orifice Size

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

 17 in this case corresponds to a hole size of 0.017 of an inch or 0.43 mm

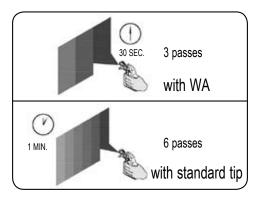
Your actual flow rate will depend on your spraying pressure and the paint you are using: high pressure equals more flow; heavier paints equal less flow.



Every Sprayer Has A Maximum Output Level

It is important never to exceed the maximum spray tip size that your machine can handle. Example: if you require 4,4 I/min the smallest sprayer recommended is the Ultra Max II 1095.







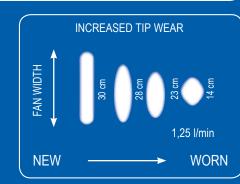


10 11

Tips



PROBLEM Too much paint? 517 50° Not enough paint? 50° TIVM Too much paint? 518 Tive 15 Tive 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!

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

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 heavyduty 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

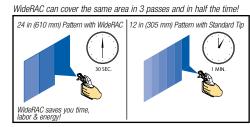
RAC X – Fine Finish (Green Handle)

- 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
RAC X	LTXxxx	Residential, Commercial or Industrial
WideRAC	WRxxxx	High Production, New Construction
Fine Finish	FFTxxx	Metal, Woodwork



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



MATERIALS

Lacquers to Mastics

Lacquers to Mastics

Lacquer, Varnish, Stain Enamel, Oil base paint

Fine Finish Tips – pre-orifice produces finer atomization. Highest quality finish (FFTxxx).

12

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 Coating







XHD RAC SwitchTip (XHDxxx).

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
- Ensures consistent paint thickness, from edge to edge, less overspray and long-lasting lines

XHD™ RAC SwitchTip (Gray Handle)

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

Tip Specifications







XHD RAC SWITCHTIP

XHDxxx



CONTRACTOR **FLAT TIPS** 269xxx



FINE FINISH FLAT TIPS

163xxx

MPa)

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)
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)
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)
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)
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)
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)
	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)
	MAXIMUM WPR	TYPICAL APPLICATIONS	BEST USED WITH THESE MATERIALS	TIP GUARD
	4050 psi (280 bar, 28.0	Cabinetry, Woodworking, Metal and Fine Finish Surfaces	Lacquers, Varnishes, Urethanes and other fine	Fine Finish Flat Tip Guard (220247)

finish materials

Tip Charts

RAC X SwitchTips



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
	2-4	(51-102)		109	111		115																				
	4-6	(102-152)	207	209	211	213	215	217	219	221		225	227		231		235										
		(152-203)		309	311	313	315	317	319	321	323	325	327	329	331		335										
튤	8-10	(203-254) (254-305)		409	411	413	415	417	419	421	423	425	427	429	431	433	435		439	441	443	445	451	455			
	10-12	(254-305)		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	551	555	561		
Fan	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
	14-16	(356-406)								721	723			729			735										
	16-18	(406-XXX)						817	819	821			827		831	833	835										
	Flow R	ate (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	2.79	3.25	4.0	4.53	5.41
	Flow R	ate(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	10.57	12.29	15.12	17.17	20.48

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



				IIII IOL	OILL	III	<u> </u>				
IN	(MM)	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039
24	(610)	1221	1223	1225	1227	1229	1231	1233	1235	1237	1239
	ate (gpm) ate (lpm)		.57 2.15				1.03 3.90				

Example: for a tip with a .027 orifice and a 610 mm (24 in) pattern, order WR1227

	IN	(MM)	021	023	.025	027	029	031	033	035	.037	039		RAC 5 or RAC X
		()	.02.	.020	.020	.02.	.020		.000	.000	.00.	.000		415 or 515
틹	24	(610)	1221	1223	1225	1227	1229	1231	1233	1235	1237	1239		
5		(010)	1221	1220	1220	1221	1220	1201	1200	1200	1201	1200		417 or 517
≥	Flow Ra	ite (gpm)	.47	.57	.67			1.03			1.47			419 or 519
ā	Flow Ra	ite (lpm)	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18		421 or 612
	Water @	2000 psi (13	8 bar, 1	3.8 MF	Pa) - pai	nts with	a high	er visco	sity wil	l decrea	ase the	flow rat	te	523 or 623

WideRAC Conversion

525 or 625

5 or RAC X WideRAC

1221 or 1223 1223 or 1225

1225 or 1227 1229 or 1231

1233 or 1235

1235 or 1237

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

Fine Finish RAC X SwitchTips



		ORIFICE	SIZE -	INCHE	S	
	IN	(MM)	.008	.010	.012	.014
	2-4	(51-102)	108	110	112	
£	4-6	(102-152)	208	210	212	214
Fan Width	6-8	(152-203)	308	310	312	314
~	8-10	(203-254)		410	412	414
Б	10-12	(254-305)		510	512	514
	12-14	(305-356)			612	614
	Flow Ra	ate (gpm)	.07	.11	.15	.21
	Flow Ra	ate (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 203 mm (8 in) pattern, order FFT410

RAC 5 SwitchTips (286xxx)



										U	RIFICE	SIZE -	INCHE	S										
	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 4-6 6-8 8-10 10-12 12-14 14-16 16-18 18-20	(51-102) (102-152) (152-203) (203-254) (254-305) (305-356) (356-406) (406-457) (457-508)	207 307	109 209 309 409 509 609	111 211 311 411 511 611	113 213 313 413 513 613	115 215 315 415 515 615	217 317 417 517 617 817 917	119 219 319 419 519 619	121 211 321 421 521 621 721 821	223 323 423 523 623 723	225 325 425 525 625 725	327 427 527 627	429 529 629 729	331 531 631 831	433 533 633 833	235 435 535 635 735 835 935	439	443 543	645	451 551	455 555 655	563	665
	Flow Ra	ate (gpm) ate (lpm)	.05 .20	.09 .33	.12 .49	.18 .69	.24 .91	.31 1.17	.38 1.47	.47 1.79	.57 2.15	.67 2.54	.77 2.96	.90 3.42	1.03 3.90		1.31 4.98	1.63 6.18	1.98 7.51		2.79 10.57		4.26 16.13	4.53 17.17

rater @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow r Example: for a tip with a .011 orifice and a 152 mm (6 in) pattern, order 286311

LineLazer RAC 5 SwitchTips



						0	RIFICE	SIZE -	INCHE	S						
	IN	(MM)	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.055
e Width	2 4 4-8 8-12	(51) (102) (102-204) (204-305)	213	215 315	217 317 417	219 319 419	321 421 621	323 423 623	325 425 625	327 427 627	329 429 629	331 431 631	333	335 435 635	639	355
Line		ate (gpm) ate (lpm)	.18 .69	.24 .91	.31 1.17	.38 1.47	.47 1.79	.57 2.15	.67 2.54	.77 2.96	.90 3.42	1.03 3.90	1.17 4.42	1.31 4.98	1.63 6.18	3.25 12.29

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

18-20 (457-508)

XHD RAC SwitchTips



(XHDxxx)

										0	RIFICE	SIZE -	INCHE	S										
	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									139					
	4-6 6-8	(102-152) (152-203)	307	209 309	211 311	213 313	215 315	217 317	219 319	221 321	323	225 325	227 327	229 329	231 331	333	235 335	337	239 339	341	343	345	347	
튑	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
Ē	10-12 12-14	(254-305) (305-356)		509 609	511 611	513 613	515 615	517 617	519 619	521 621	523 623	525 625	527 627	529 629	531 631	533 633	535 635	537 637	539 639	541 641	543 643	545 645	547 647	549 649
Fan	14-16	(356-406)		009	711	713	715	717	719	721	723	725	727	729	731	733	735	737	739	741	743	040	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					
		ate (gpm) ate (lpm)	.05 .20	.09 .33	.12 .49	.18 .69	.24 .91	.31 1.17	.38 1.47	.47 1.79	.57 2.15	.67 2.54	.74 2.96	.90 3.42	1.03 3.90	1.17 4.42	1.31 4.98	1.47 5.56	1.63 6.18	1.8 6.83	1.98 7.51	2.17 8.23	2.37 8.98	2.58 9.76

						Unii	IUL SIZ	L - 1140	JIILO							
	IN	(MM)	.051	.053	.055	.057	.059	.061	.063	.065	.067	.069	.071	.075	.081	
	2-4	(51-102)														l
	4-6	(102-152)														l
	6-8	(152-203)	351		355											l
	8-10	(203-254)	451		455		459	461	463	465	467		471	475	481	l
듈	10-12	(254-305)	551	553	555	557		561		565	567		571	575		l
Fan Width	12-14	(305-356)	651		655	657	659	661	663	665	667	669	671	675		l
=	14-16	(356-406)	751	753	755			761			767		771			l
굞	16-18	(406-457)	851		855			861	863		867				i	١

 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

Contractor Flat Tips



(269xxx)

ORIFICE SIZE - INCHES

IN	(MM)	.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				
		.12 .49	.18 .69	.24 .91	.31 1.17	.38 1.47	.47 1.79	.57 2.15	.67 2.54	.74 2.96	.90 3.42	1.03 3.90	1.31 4.98
	4-6 6-8 8-10 10-12 12-14 14-16 16-18 18-20	4-6 (102-152) 6-8 (152-203) 8-10 (203-254) 10-12 (254-305) 12-14 (305-356) 14-16 (356-406) 16-18 (406-457)	4-6 (102-152) 211 6-8 (152-203) 311 8-10 (203-254) 411 10-12 (254-305) 511 12-14 (305-356) 16-18 (406-457) 18-20 (457-508) Flow Rate (gpm) .12	4-6 (102-152) 211 213 6-8 (152-203) 311 313 8-10 (203-254) 411 413 10-12 (254-305) 511 513 12-14 (305-356) 14-16 (356-406) 16-18 (406-457) 18-20 (457-508) Flow Rate (gpm) .12 .18	4-6 (102-152) 211 213 215 8-8 (152-203) 311 313 315 8-10 (203-254) 411 413 415 10-12 (254-305) 511 513 515 12-14 (305-356) 613 615 12-14 (305-406) 715 16-18 (406-457) 815 18-20 (457-508) 815	4-6 (102-152) 211 213 215 217 6-8 (152-203) 311 313 315 317 8-10 (203-254) 411 413 415 417 10-12 (254-305) 511 513 515 517 12-14 (305-356) 511 613 615 617 14-16 (356-406) 775 717 16-18 (406-457) 815 Flow Rate (gpm) 12 18 24 31	4-6 (102-152) 211 213 215 217 219 8-10 (203-254) 411 413 415 417 419 10-12 (254-305) 511 513 515 517 519 12-14 (305-356) 613 615 617 619 14-16 (356-406) 18-120 (457-508) 815 819 819 819 819	4-6 (102-152) 211 213 215 217 219 321 8-10 (203-254) 411 413 415 417 419 421 10-12 (254-305) 511 513 515 517 519 521 12-14 (305-356) 511 513 615 617 619 621 12-14 (305-366) 613 615 617 619 621 12-14 (305-366) 715 717 719 721 16-18 (406-457) 815 815 819 821 Flow Rate (gpm) 1.2 1.8 .24 .31 .38 .47	4-6 (102-152) 211 213 215 217 219 321 323 8-10 (203-254) 411 413 415 417 419 421 423 10-12 (254-305) 511 513 515 517 519 521 523 12-14 (305-356) 613 615 617 619 621 623 14-16 (356-406) 14-16 (366-406) 18-20 (457-508) 718-20 (45	4-6 (102-152) 211 213 215 217 219 225 6-8 (152-203) 311 313 315 317 319 321 323 325 8-10 (203-254) 411 413 415 417 419 421 423 425 10-12 (254-305) 511 513 515 517 519 521 523 525 12-14 (305-356) 511 513 515 517 519 521 623 625 12-14 (305-366) 613 615 617 619 621 623 625 12-14 (305-366) 775 717 719 721 725 16-18 (406-457) 815 815 819 821 725 16-18 (406-457) 815 815 819 821 725 Flow Rate (gpm) 1.2 .18 .24 .31 .38 .47 .57 .67	4-6 (102-152) 211 213 215 217 219 225 227 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 12-14 (305-356) 151 513 515 517 715 717 719 721 725 16-18 (406-457) 18-20 (457-508) 212 18 24 24 31 28 27 28 27 18-20 (457-508) 212 18 24 31 .38 .47 .57 .67 .74	4-6 (102-152) 211 213 215 217 219 21 325 227 28-8-10 (203-254) 411 413 415 417 419 421 423 425 427 10-12 (254-305) 511 513 515 517 519 521 523 525 527 12-14 (305-356) 613 615 617 619 621 623 625 627 14-16 (365-406) 775 717 719 721 725 827 18-20 (457-508) 815 815 819 821 827 827 829 829 816 816 (406-457) 815 815 816 817 819 821 827 827 829 818 818 818 819 821 827 827 829 829 818 818 818 819 821 827 827 829 829 829 829 829 829 829 829 829 829	4-6 (102-152) 211 213 215 217 219 321 323 325 327 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) 151 513 515 617 619 621 623 625 627 631 12-14 (305-366) 151 513 515 617 619 621 623 625 627 631 12-14 (305-366) 151 513 615 617 619 621 623 625 627 631 12-14 (305-366) 151 513 615 617 619 621 623 625 627 631 12-14 (305-366) 151 513 615 617 619 621 623 625 627 631 12-14 (305-366) 151 513 615 617 619 621 623 625 627 631 12-14 (305-366) 151 513 615 617 619 621 623 625 627 631 12-14 (305-366) 151 513 615 617 619 621 623 625 627 631 12-14 (305-366) 151 513 615 617 619 621 623 625 627 631 12-14 (305-366) 151 513 615 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 631 631 12-14 (305-366) 151 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 631 12-14 (305-366) 151 617 619 621 623 625 627 627 631 12-14 61 613 615 617 619 621 623 625 627 627 631 12-14 61 613 615 617 619 619 621 623 625 627 627 631 12-14 61 61 617 619 619 619 619 619 619 619 619 619 619

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 254 mm (10 in) pattern, order 269511

Fine Finish Flat Tips



(163xxx)

	ORIFICE SIZE - INCHES														
	IN	(MM)	.008	.010	.012	.014	.016	.018	.020	.022	.024	.026	.028	.030	.032
	2-4	(51-102)	108	110											
	4-6	(102-152)	208	210	212	214	216	218			224				232
	6-8	(152-203)		310	312	314	316	318	320	322	324				
	8-10	(203-254)	408	410	412	414	416	418	420		424	426	428	430	432
≣	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			
2	16-18	(406-457)				814	816	818	820	822	824	826	828		832
	18-20	(457-508)			912	914		918		922	924	926			
				۱									١.,		
		ate (gpm)	.07	.11	.15	.21	.27	.35	.43	.52	.62	.73	.84	.97	1.1
	Flow K	ate (Ipm)	.26	.41	.59	.80	1.04	1.32	1.63	1.97	2.34	2.75	3.19	3.66	4.16

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 254 mm (10 in) pattern, order 163510

Tip Guards

	TIP GUARDS	DESCRIPTION	THREAD SIZE	GUN	TIP
	246215 246437	RAC X HandTite ⁻ Tip Guard RAC X HandTite Tip Guard	22 mm (7/8 in) 17.5 mm (11/16 in)	Standard Graco thread Older style Graco Pole Guns, Fits Competitive Guns with 11/16 in threads	RAC X, FFT, WR RAC X, FFT, WR
Co	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 243281 248936 224081

223373 223374 114049

TIP BRUSHES

101891

101892

119799

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

Compatible with most fluids; easy installation without tools RAC X OneSeals - 5 pack. Use only with RAC X SwitchTip and Guard

RAC 5 OneSeals - 5 pack. Use only with RAC 5 SwitchTip and Guard

RAC X Solvent Seal Kit – 5 pack RAC 5 & RAC IV Solvent Seal Kit - 5 pack Thin Tip Gaskets – 25 pack

Thick Tip Gaskets - 25 pack 0-Ring – use with tip gaskets to securely hold in place 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
DESCRIPTION	PART NUMBER	DIAMETER	LENGIN	ITPE
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).

Airless Hose and Hose Fittings

BLUEMAX II HP HIGH PRESSURE HOSE



XTREME-DUTY AIRLESS HOSE



FITTINGS



156971 156849



158491



157350



159239 **UNIONS**

156823





159153 155570 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

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 x 1/4 in npt (6.4 mm x 6.4 mm) – MBE

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

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 Extensior 230 mm (9 in) EvenFlow Roller Frame and 13 mm (1/2 in) Roller Cover



Geosperse" 305 mm (12 in) Pressure Roller. 230 mm (9 in) EvenFlow Roller Frame.





Graco perforated Roller Covers.

Pressure Roller Accessories

PRESSURE ROLLER FRAMES



244623

224398 240005 240055 230 mm (9 in) EvenFlow Roller Frame with 22 mm (7/8 in) thread; for use with Graco Heavy

230 mm (9 in) EvenFlow Roller Frame with 1/8 npt thread; for use with Graco Telescoping Extensions

Adapter that attaches roller frame 244623 to use with Heavy Duty Extension 230 mm (9 in) Geosperse" Roller Frame 305 mm (12 in) Geosperse Roller Frame

ROLLER COVERS



> 186944 186945 186946

230 mm (9 in) Roller Cover, 9.5 mm (3/8 in) nap 230 mm (9 in) Roller Cover, 13 mm (1/2 in) nap 230 mm (9 in) Roller Cover, 19 mm (3/4 in) nap 230 mm (9 in) Roller Cover, 32 mm (1-1/4 in) nap

305 mm (12 in) Roller Cover, 13 mm (1/2 in) nap 305 mm (12 in) Roller Cover, 19 mm (3/4 in) nap 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 fatique
- 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





3' Pole Gun Shown

CleanShot Shut-Off Valve (287030).

Extended Reach Accessories

EXTENSIONS 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 • Thread Size: 22 mm (7/8 in) 244163 0.9 m (3 ft) 244164 1.8 m (6 ft) 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) 287019 25 cm (10 in) 287020 38 cm (15 in) 287021 50 cm (20 in) 287022 75 cm (30 in) 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) 243295 25 cm (10 in) 243296 38 cm (15 in) 243297 50 cm (20 in) 243298 75 cm (30 in) 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 232121 25 cm (10 in) 232122 50 cm (20 in) 232123 100 cm (40 in) 232124 150 cm (60 in) 232125 200 cm (80 in) 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 218775 45 to 90 cm (18 to 36 in) 218776 90 to 180 cm (36 to 72 in) 218777 180 to 360 cm (72 to 144 in) **ADAPTERS** 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

• 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 and Gun Filters

STRAINERS

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

		A strainer prevents loreign objects	from entering into the pump and provides the first stage of intration.
	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
9	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.

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

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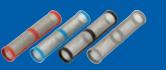
Manifold and Tip Filters

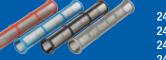
THE CORRECT FILTER REDUCES TIP CLOGS

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





243080 243081 243226





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, 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

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

207428

17C720

17C488

16Y598

16X414

Use with Graco HydraMax and GH Sprayers

3.8 Liters (1 Gallon)

PUMP LOWERS



Graco Pump Lowers lead the industry in durability and ease of installation.

Keep a spare on hand to minimize downtime in the field.

(See price list or local Graco Distributor for a complete list of Graco Pump Lowers.)

Endurance Pump Lower Kit for 390, Ultra 395, Ultra Max II 490/495/595, GMAX 3400. FinishPro 395

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

Endurance Pump Lower Kit for Ultra Max 695/795, and GMAX II 3900 Standard

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Endurance Pump Lower Kit for New Ultra Max 695/795, and GMAX II 3900 ProContractor with ProConnect II

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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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