



RAC X™ LP SWITCHTIPS™

Maximize Profit on Every Application



PROVEN QUALITY. LEADING TECHNOLOGY.



RAC X™ LOW PRESSURE SWITCHTIPS™
NOW AVAILABLE FOR
EVERY APPLICATION



MADE IN THE USA

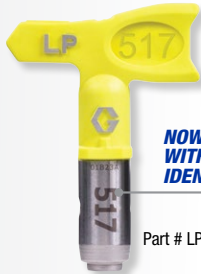


Part # FFLPXXX

RAC X™ FF LP®

PATENTED

Delivers the finest finish—
now available in 106, 206,
and 408 sizes for even
more control



Part # LPXXX

RAC X™ LP

PATENTED

Spray every surface at
low pressure with 30 available
sizes to maximize profit
on every job



Part # WRLPXXX

RAC X™ WR LP™

PATENTED

Finish large jobs in half the
time with a 24 in fan pattern
sprayed at low pressure

CHOOSE THE MOST PRODUCTIVE
SPRAY TIP FOR YOUR JOB



PART NUMBER	RAC X FF LP FFLPXXX	RAC X LP LPXXX	RAC X WR LP WRLPXXX
APPLICATIONS	All Fine Finish Applications including Doors, Trim, Moulding, Cabinets, Woodwork and More	All Residential, Commercial, Interior and Exterior Applications including Siding, Walls, Ceilings and More	All Residential, Commercial, Interior and Exterior High Volume Applications
COMMON COATINGS	Lacquers, Stains, Varnish, Enamels and Acrylics	Interior/Exterior Latex, Oil-Based Primers, Epoxies, Block Fillers, Dryfall and Elastomerics	
MAXIMUM WORKING PRESSURE	4,050 psi (280 Bar, 28.0 Mpa)		
TIP GUARD	Blue Guard (246215)		
100% FACTORY TESTED			

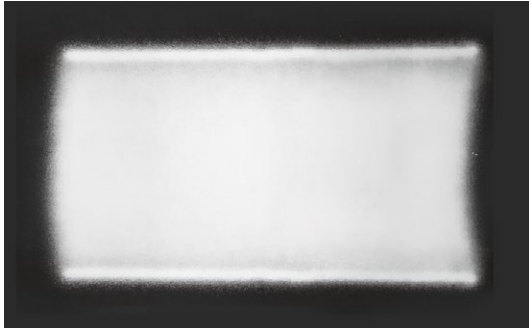
SWITCH TO RAC X LOW PRESSURE SWITCHTIPS TODAY
AND EXPERIENCE THE BENEFITS ON EVERY JOB!

- Up to 50% Less Overspray
- Up to 2X Longer Tip Life
- Perfect Airless Finish
- Easiest Pattern Overlap
- Reduced Prep and Cleanup

SPRAY LATEX WALL PAINT AT HALF THE TYPICAL PRESSURE



LP tips produce a superior finish at 50%
lower pressure than standard tips



Other tips produce tails at
same lower pressure



graco.com/basics-tips

SCAN TO
LEARN MORE!

LP - 517

1 CHOOSE YOUR TIP
TECHNOLOGY

FF LP = Fine Finish Low Pressure
LP = Low Pressure
WR LP = WideRac Low Pressure

2 SELECT YOUR FAN
PATTERN WIDTH

The spray pattern width
is determined by doubling
the first digit. A 517 has
a 10-inch fan width when
sprayed 12 inches from
the surface.
5 x 2 = 10" Fan Width

3 SELECT YOUR ORIFICE SIZE

The last two digits are the orifice
size—in thousandths of an
inch. Increasing the number will
increase the flow rate.

Recommended Tip Sizes for Common Coating Materials	
Stains, Varnishes, Polyurethane, Solvent-Based Paints	.006 to .013
Lacquers, Enamel, Solvent-Based Paints	.013 to .015
Latex and Enamels	.015 to .019
Heavy Latex Paint & Smooth Elastomeric	.019 to .029
Elastomeric & BlockFiller	.031+



RAC X LOW PRESSURE
SWITCHTIPS (LPxxx)

(Neon Handle)		Orifice Size - Inches										
Fan Width	in	(mm)	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031
	4-6	(102-152)			217							
	6-8	(152-203)	313	315	317	319						
	8-10	(203-254)		415	417	419	421	423	425			
	10-12	(254-305)		515	517	519	521	523	525	527		
	12-14	(305-356)			617	619	621	623	625	627	629	631
	14-16	(356-406)							723	725		729 731
Flow Rate (gpm)*			.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03
Flow Rate (lpm)*			.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90
Recommended Filter Size			100	60	60	60	60	60	60	60	60	30

USE THE CORRECT FILTER TO REDUCE TIP CLOGS

MESH SIZE	200 (RED)	100 (BLUE)	60 (BLACK)	30 (GRAY)
COATINGS	Stains, Varnishes, Polyurethane, Solvent-Based Paints	Lacquers, Enamels (Solvent), Solvent-Based Paints	Latex, Enamels (Latex)	Block Filler, Elastomeric
TIP ORIFICE SIZE	.006 – .013 in	.013 – .015 in	.015 – .029 in	.031 in +



RAC X WIDERAC™ LOW PRESSURE
SWITCHTIPS (WRLPxxxx)

(Neon Handle)		Orifice Size - Inches							
Fan Width	in	(mm)	.021	.023	.025	.027	.029	.031	.033
	24	(610)	1221	1223	1225	1227	1229	1231	1233
Flow Rate (gpm)*			.47	.57	.67	.77	.90	1.03	1.17
Flow Rate (lpm)*			1.79	2.15	2.54	2.96	3.42	3.90	4.42
Recommended Filter Size			60	60	60	60	60	30	30

Use this conversion chart to find the best RAC X WR LP
Spray tip that meets your rate of application (Arm Speed).

WideRac Low Pressure Conversion Chart	
Traditional Tip Size	WRLP Tip Size
414 or 515	1221 or 1223
417 or 517	1223 or 1225
419 or 519	1225 or 1227
421 or 621	1229 or 1231
523 or 623	1233 or 1235
525 or 625	1235 or 1237

* 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 (305 mm) pattern, order WRLP1227.



RAC X FINE FINISH LOW PRESSURE
SWITCHTIPS (FFLPxxx)

(Green Handle)		Orifice Size - Inches					
Fan Width	in	(mm)	.006	.008	.010	.012	.016
	2-4	(51-102)	106	108	110	112	
	4-6	(102-152)	206	208	210	212	214
	6-8	(152-203)		308	310	312	314
	8-10	(203-254)		408	410	412	414
	10-12	(254-305)		510	512	514	516
12-14	(305-356)					616	
Flow Rate (gpm)*			.04	.07	.11	.15	.21
Flow Rate (lpm)*			.15	.26	.41	.59	.80
Recommended Filter Size			200	200	200	200	100



NEW CONTROL SPRAY
STARTER KITS

Includes RAC X FF LP SwitchTip, gun and manifold
filters for complete solution delivering ultimate
control. (Compatible with 390-650 sprayers)

21A106 - RAC X FF LP 106 & 200 Mesh Filter
Control Spray Kit

21A206 - RAC X FF LP 206 & 200 Mesh Filter
Control Spray Kit



THE INDUSTRY'S BEST FINISH ON EVERY APPLICATION



Residential Repaint



New Residential



Multi-Family



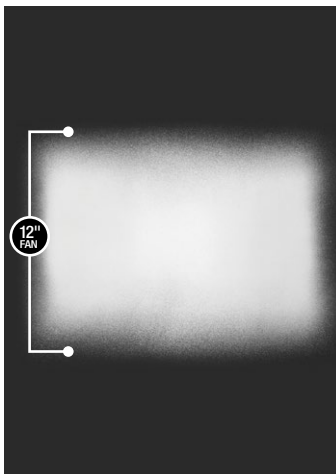
Commercial



Healthcare



Property Management



THE WIDE RAC ADVANTAGE:

- Delivers the complete low pressure technology benefits
- Largest spray pattern in the industry —24 Inches!
- Delivering 2X more productivity with less spray passes



"It's a game changer. I think that once you start seeing that neon tip in the stores, there's gonna be a lot of guys using it."

Brett Bengtson
President/Painter
Premier Painting & Wallcovering, LLC



"When we switched over to these tips, we were able to reduce the material overspray, saving us time and money."

Matt Callero
Owner
Paint Blue Commercial Painting

**NOW INCLUDED ON EVERY
PROFESSIONAL PAINT SPRAYER**



Visit graco.com/LP
to learn more





EVERY PART COUNTS

Replacement parts are often purchased solely on the basis of price. However, the small amount of money saved will ultimately put your performance and your business at risk.

Why Demand Genuine Graco Parts?

TIME AND MONEY

Cheaper parts ultimately cost you more time and money in extra repair costs, extra labor hours, etc.

PERFORMANCE AND RELIABILITY

Only genuine Graco parts deliver the legendary Graco standard of performance and the lowest downtime.

SAFETY

One non-Graco part can lead to injury and downtime. Graco parts deliver best possible quality to deliver safest experience.

WARRANTY

Warranty conditions only remain valid with genuine Graco parts. Defects or damage caused by non-Graco parts are not covered.

*See your local Graco Distributors for country specifics.
See printed product warranty for complete warranty terms and conditions.*

How to Recognize Genuine Graco Parts



ENGRAVED GRACO LOGO

The Graco logo is engraved on all of our piston rods, cylinders, and sleeves.

HOLOGRAPHIC STICKER

A holographic sticker is always on the packaging of a genuine Graco repair kit.

GRACO QUALITY YOU CAN FEEL

Genuine Graco parts are built tough and feel more robust than other manufacturers' parts.



gracopartsbook.com

The fast and easy way to look up common Graco parts.



Every Graco purchase comes with A+ Customer Service.

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