

CHOOSE THE MOST PRODUCTIVE SPRAY TIP FOR YOUR JOB

Choosing the right tip for the job will determine the quality of your finish and help you save time and money. Each Graco spray tip is 100% tested to meet the tough standards of painting contractors and ensure the quality you've come to expect from Graco.

GRACO SPRAY TIPS ARE BUILT TO THE HIGHEST STANDARDS AND ENSURE THE BEST FINISH IN THE INDUSTRY

	GOOD RAC [®] 5	BETTER RAC X™	BEST RAC X LOW PRESSURE			
	RAC 5	LTX	WIDE RAC™	FINE FINISH LOW PRESSURE	LOW PRESSURE	WIDE RAC LOW PRESSURE
PART NUMBER	286***	LTX***	WR****	FFLP***	LP***	WRLP****
SIZES	.007" - .065"	.007" - .071"	.021" - .039"	.006" - .016"	.013" - .031"	.021" - .033"
APPLICATION	Precision spray tip provides excellent fan pattern life and high quality finish	Next generation with 50% longer fan pattern life over RAC 5	Produces a 24 in. (610 mm) fan pattern to finish the job in half the time	Atomize fine finish materials at half the pressure for an HVLP like finish	Dial down the pressure for less overspray, 2X longer tip life over LTX, and a perfect airless finish	All the benefits of RAC X Low Pressure Tips, now in a 24 in. fan pattern
	Residential, commercial, interior and exterior applications	Residential, commercial, interior and exterior applications	New construction and high production with large surfaces	Trim, molding, cabinets, woodwork, metal	Residential, commercial, interior and exterior applications	New construction and high production with large surfaces
	Latex, oil-based paints, elastomeric, block filler	Latex, oil-based paints, elastomeric, block filler		Lacquers, varnish, stain, enamel paint	Latex, oil-based paints, elastomeric, block filler	
GUARD	Orange - 243161	Blue - 246215		Blue - 246215	Blue - 246215	
ONESEAL™	Latex - 243281 Solvent - 224081	Latex - 246453 Solvent - 248936		Latex - 17P501 Solvent - 17P502	Latex - 17P501 Solvent - 17P502	
MAX PRESSURE	4,050 psi	4,050 psi	4,050 psi	4,050 psi	4,050 psi	4,050 psi

RAC X LOW PRESSURE TIPS

RAC[®] X Low Pressure SwitchTips feature the patented SmartTip™ Technology with exclusive tip geometry to deliver the industry's best finish at the lowest airless spray pressure.



RAC X FF LP SwitchTip Applications

- Doors and Trim
- Molding
- Cabinets
- Woodwork
- Use for Every Fine Finish Application!



RAC X LP SwitchTip Applications

- Residential Interior and Exterior
- Commercial Interior and Exterior
- Use for Every High Production Application!



RAC X WRLP SwitchTip Applications

- Large Residential Interior and Exterior
- Large Commercial Interior and Exterior
- Use for EXTREME Production Applications!

RAC X LOW PRESSURE SWITCHTIPS MAXIMIZE PROFIT BY DELIVERING:

- Up to 2X the tip life
- Up to 50% less over spray
- Perfect Airless Finish™
- Easiest pattern overlap
- Reduced prep and cleanup time



NOW LASER MARKED WITH TIP SIZE FOR FAST IDENTIFICATION

TIP SELECTION: UNDERSTAND THE NUMBERS

EXAMPLE: RAC X LP517

The letters (LP) represent the Graco tip style



The three digits (517) represent tip size (fan and orifice) and indicate the amount of paint that flows through the tip.

The first digit is half of the fan width (#5 x 2 = 10 inch fan width)

The last two digits are the size of the tip orifice in thousandths of an inch

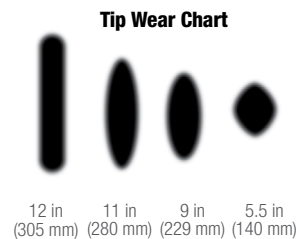
- LP = Low Pressure
- FF LP = Fine Finish Low Pressure
- WR LP = Wide RAC Low Pressure
- LTX = Latex
- WR = Wide RAC
- XHD = Xtreme Heavy Duty

Your actual flow rate will depend on your spraying pressure and the material you are using (high pressure equals more flow; heavier paints equals less flow).

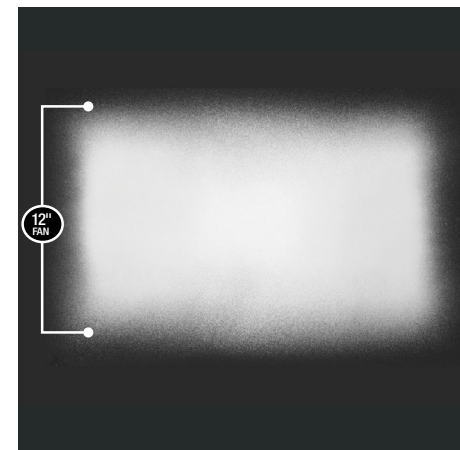
FILTER SIZE REFERENCE GUIDE				
MESH SIZE	200 (Red)	100 (Blue)	60 (Black)	30 (Grey)
COMMON MATERIALS	Stains, Varnish, Polyurethane, Solvent Based Dyes	Lacquers, Enamels, (Solvent), Solvent Based Paints	Latex, Enamels	Heavy Latex, Block Filler
USE WITH TIP SIZES	.006"-.013"	.013"-.015"	.015"-.029"	.029"+

WORN TIPS COST TIME AND MONEY

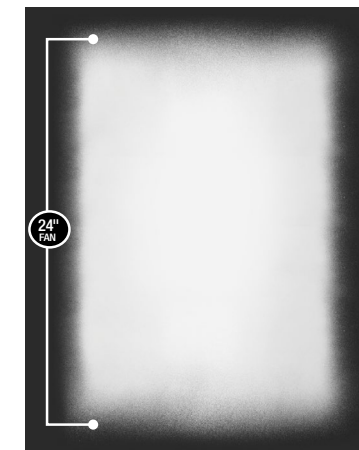
- Increased paint waste — 25% more overspray
- Reduced production requiring 20% more passes — increased labor expense
- Results in uneven coverage, inconsistent mil build, and a poor quality finish



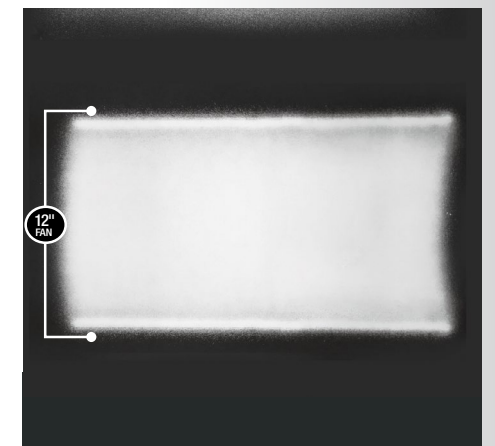
SPRAY LATEX WALL PAINT AT HALF THE TYPICAL PRESSURE



LP TIPS PRODUCE A SUPERIOR FINISH AT 50% LOWER PRESSURE THAN STANDARD TIPS



WR LP TIPS DELIVER LOW PRESSURE BENEFITS IN 24" FAN PATTERNS



OTHER TIPS PRODUCE TAILS AT SAME LOWER PRESSURE

RAC X LOW PRESSURE SWITCHTIPS (LPxxx)

Fan Width		Orifice Size - Inches											
in	(mm)	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	
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		

Maximum 4,050 psi (279 bar, 27.9 MPa)

Note: Lowering spray pressure can reduce flow in some materials. Increase tip orifice size to maintain speed and material flow if needed.

RAC X WIDE RAC™ LOW PRESSURE SWITCHTIPS (WRLPxxxx)

Fan Width		Orifice Size - Inches							
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	

Maximum 4,050 psi (279 bar, 27.9 MPa)

* 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 SWITCHTIPS (LTXxxx)

Fan Width		Orifice Size - Inches																											
in	(mm)	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.047	.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													
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		439	441	443	445	447	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	547	551	555	561				
12-14	(305-356)			611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	647	651	655	661	665	671		
14-16	(356-406)																												
16-18	(406-457)																												
Flow rate (gpm)*		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63	1.8	1.98	2.17	2.37	2.79	3.25	4.0	4.53	5.41		
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	8.89	10.57	12.29	15.12	17.17	20.48		
Recommended filter size		200	200	200	200	100	60	60	60	60	60	60	60	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Maximum 4,050 psi (279 bar, 27.9 MPa)

RAC X WIDE RAC SWITCHTIPS (WRxxxx)

Fan Width		Orifice Size - Inches									
in	(mm)	.023	.025	.027	.029	.031	.033	.035	.037	.039	
24 in Fan Width	(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
Recommended filter size		60	60	60	60	60	30	30	30	30	30

Maximum 4,050 psi (279 bar, 27.9 MPa)

RAC 5 SWITCHTIPS (286xxx)

Fan Width		Orifice Size - Inches																									
in	(mm)	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.043	.045	.051	.055	.063	.065				
2-4	(51-102)			109	111	113	115		119	121																	
4-6	(102-152)	207	209	211	213	215	217	219	221	223	225					235											
6-8	(152-203)	307	309	311	313	315	317	319	321	323	325	327		331													
8-10	(203-254)		409	411	413	415	417	419	421	423	425	427	429		433	435	439	443		451	455						
10-12	(254-305)		509	511	513	515	517	519	521	523	525	527	529	531	533	535		543		551	555	563					
12-14	(305-356)		609	611	613	615	617	619	621	623	625	627	629	631	633	635				645		655	665				
14-16	(356-406)																										
16-18	(406-457)																										
18-20	(457-508)																										
Flow rate (gpm)*		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63	1.8	1.98	2.17	2.37	2.79	3.25	4.0	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	5.56	6.18	6.83	7.51	8.23	8.89	10.57	12.29	15.12	17.17	
Recommended filter size		200	200	200	200	100	60	60	60	60	60	60	60	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Maximum 4,050 psi (279 bar, 27.9 MPa)

RAC X FINE FINISH LOW PRESSURE SWITCHTIPS (FFLPxxx)

Fan Width		Orifice Size - Inches							
in	(mm)	.006	.008	.010	.012	.014	.016		
2-4	(51-102)	106	108	110	112	114			
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	.27		
Flow Rate (lpm)*		.15	.26	.41	.59	.80	1.04		
Recommended filter size		200	200	200	200	100	60		

Maximum 4,050 psi (279 bar, 27.9 MPa)

Wide RAC 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



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

RAC 5 SWITCHTIPS (FOR LINELAZER) (LL5xxx)

LINE WIDTH		Orifice Size - Inches													
in	(mm)	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.055
2	(51)	213	215	217	219										
4	(102)		315	317	319	321	323	325	327	329	331	333	335	339	355
4-8	(102-204)			417	419	421	423	425	427	429	431		435	439	
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
Recommended filter size		200	200	100	60	60	60	60	60	60	30	30	30	30	30

Maximum 4,050 psi (279 bar, 27.9MPa)

RAC XHD SWITCHTIPS (XHDxxx)*

FAN WIDTH		Orifice Size - Inches																						
in	(mm)	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.047	.049	
2-4	(51-102)	107	109	111	113	115	117	119	121															
4-6	(102-152)		209	211																				