

Spray Tips

In any spray application, the quality of your work is only as good as the quality of your finish. Graco spray tips are built to the highest standards and ensure the best finish in the industry. Each Graco tip is 100% tested for flow rate to meet the tough standards of painting contractors, and these careful processes ensure you of the quality you've come to expect from Graco.

MATERIALS RECOMMENDED TO BE SPRAYED

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

This chart is a guide only—actual tip sizes used will vary depending on material.

**Fine Finish tip recommended.*

Choosing the RIGHT TIP for your spraying project is essential.

Graco tips are easy to identify. 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.

For Example: RAC X LTX517

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 equals less flow).

Worn Tips Cost Time and Money

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

Rules On Selecting Tip Sizes

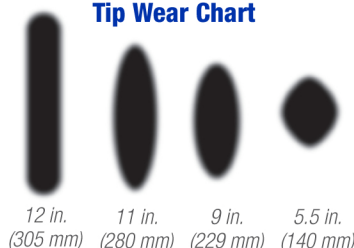
- ▶ Use smaller orifice sizes when applying light viscosity materials such as stains and lacquers
- ▶ Use larger orifice sizes for heavier viscosity coatings such as latex or oil base



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.

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.