



FARROWFLOW®

A Patented Insert

Farrow Flow® is a universal vortex airflow insert that upgrades any powder coating system—delivering wider coverage, better wraparound, higher FPTE, and less powder waste without changing your gun or process.

Product Overview

The Farrow Flow insert is a drop-in airflow enhancement designed to upgrade any powder coating system, regardless of manufacturer. By converting traditional straight-line airflow into a controlled vortex, Farrow Flow dramatically improves powder behavior at the gun — resulting in wider coverage, a wraparound effect on complex parts, and higher First Pass Transfer Efficiency (FPTE).

Key Features & Benefits



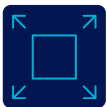
HIGHER FIRST PASS TRANSFER EFFICIENCY (FPTE)

Vortex airflow keeps powder energized and directed toward the part, so more powder sticks on the first pass—reducing rework, touch-ups, and overspray.



REDUCED POWDER CONSUMPTION

By widening the spray pattern and improving wraparound, Farrow Flow minimizes wasted powder captured by booth filters, cutting material costs without sacrificing coverage.



FASTER, MORE UNIFORM COVERAGE

The expanded, vortex-driven spray coats more surface area per pass and naturally wraps around edges and complex geometry—shortening cycle times and improving finish consistency.

Performance Results

25% FASTER COVERAGE

25% REDUCTION IN PSI

25% LOWER POWDER USAGE

IMPROVED FPTE

ELIMINATES TIP CLOGGING

REDUCES OVERSPRAY

WORKS IN ROBOTIC SYSTEMS

EASILY COVER FARADAY AREAS

ANY MAKE OR MANUFACTURER

WRAPAROUND EFFECT

Contact Us



484-359-1900



WWW.FARROWFLOW.COM



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FARROW FLOW® INSERT FOR BLASTING

ITEM#: FF1787-P

For OEM, distributor or volume pricing, contact:

sales@farrowflow.com

www.farrowflow.com

Technical Specifications

Parameter	Specification
Application	Powder Coating
Operating Pressure Range	50 – 75 PSI
Temperature Range	-10°C to 80°C (14°F to 176°F)
Size & Weight Specifications	.75" x 3.5" 0.9 oz
Straight Connector	10mm x 8mm Push to Connect Nylon
Material	Thermoplastic Polyurethane (BPA and Styrene free)

Quick Installation

1. Turn off air supply to powder system.
2. Disconnect air line at the regulator.
3. Make one clean straight cut in the air hose leading to the gun.
4. Insert the Farrow Flow assembly by gently pushing the hose into the straight connectors.
5. Reconnect air supply to powder system.
6. Before you begin painting, check to be sure air pressure is below 75psi
7. Decrease powder dosage when necessary.

Tip 💡: Remember to adjust powder dosage once inserted and adjust distance accordingly to get the full advantage of the FARROW FLOW insert.

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