Raising the bar for high-performance FRP equipment

Engineered with industry-proven Graco components, Graco FRP Proportioners and RS™ applicator guns provide you with a system that is technologically advanced, long lasting, and affordable.

Ratio assurance

As you know, not enough catalyst in the mix creates soft spots that take longer to cure. With Graco FRP Proportioners, you’re assured of a consistent ratio for a consistent cure – resulting in higher quality parts and end products. In fact, the system is optimized for ratio stability.

Lower cost of ownership

- Easy maintenance – fewer repair parts
- Long-lasting seals mean less downtime for maintenance
- Pumps last longer between planned maintenance
- No surge bottle necessary – less parts, less solvent, and less resin needed to prime the pump
Roving Management System
- Better guides – less tangling, more uptime

Gravity Fed Catalyst System
- Keeps the catalyst pump primed

Graco NXT® Air Motor
- Shortened stroke on pump for better pattern
- Industry proven for reliability

Balanced Air Motor
- Provides same output pressure on upstroke and downstroke
- Results in more consistent spray pattern

Control Panel
- True user interface with all gauges in one location

Stable, Lightweight Cart
- Easy to manoeuvre

Optional DataTrak™ Control
- Monitors resin usage – Helps ensure product quality by tracking resin usage per piece, shift or day
- Tracks cycles for preventive maintenance schedule
- Displays real time flow rate – eliminates material waste due to worn spray tips
Engineered for superior ratio control

New Linkage and Catalyst Pump

- Truly engineered linkage for superior ratio control
- Allows infinite adjustment of catalyst percentage – no tools required
- Ensures proper catalyst percentage and optimum results
- Operates at any desired catalyst percentage

Adjustable ratio control
- Allows quick ratio changes

Manual relief valve
- Easy startup, shut down and maintenance

Catalyst gauge
- Easy-to-read gauge for verification of catalyst fluid flow
Discover the next generation of gel coat and chop guns

Discover how the Graco RS Resin Spray Gun’s revolutionary design and industry-first features can help boost your company’s bottom line.

**Quick-disconnect front end**
- Increases production time, reduces clean-up time
- Easy shutdown procedures – simply place front end or whole gun in solvent

**Air Assist Containment (AAC®)**
- More material on the part, less on the floor – saves material costs
- Promotes a healthier work environment due to less overspray

**Lightweight, high-output cutter**
- Allows you to get the glass output you need with fewer strands of roving
- Fewer strands of roving means less chance of tangling, easier handling and more uptime
- External anvil adjustment lets you adjust anvil tension to correct cut variations due to anvil and blade wear

**Lightweight and ergonomic handle**
- Less operator fatigue

**Tool-less blade design for more uptime**
- No tools required – easy to change blades in seconds

**Speed control**
- Lets you adjust glass output on the fly

**Unique needle clamp design**
- Designed to retain the factory adjustment
- Eliminates need to adjust needle setting after routine service

Graco RS Chop Guns and Graco RS Gel Coat Guns are both available in internal and external mix models.
## System Ordering Information

### Solvent Flush Kits
- **16M560** Diaphragm Pump Solvent Flush Kit - 9.5 l (2.5 gal)
- **16M561** Diaphragm Pump Solvent Flush Kit - 19 l (5 gal)
- **16M893** Pressure Pot Solvent Flush Kit - 7.6 l (2 gal)
- **16M894** Pressure Pot Solvent Flush Kit - 19 l (5 gal)
- **16M874** CE Pressure Pot Solvent Flush Kit - 7.6 l (2 gal)

### Heater Kits
- **16N018** Viscon® HP Heater Kit (120V - 4 kW)
- **16N019** Viscon HP Heater Kit (240V - 4 kW)
- **16N016** Viscon HP Hazardous Locations Heater Kit (120V - 4 kW)
- **16N017** Viscon HP Hazardous Locations Heater Kit (240V - 4 kW)
- **16N014** Viscon Heater Kit (120V - 2.1 kW)
- **16N015** Viscon Heater Kit (240V - 2.1 kW)
- **16N119** Heater Mount Kit

### Optional Kits
- **16M881** DataTrak Upgrade Kit
- **24M501** 19 l (5 gal) Catalyst Tank Kit
- **16M896** 208 l (55 gal) Drum Cart for Cart, Mast and Boom
- **16M897** 208 l (55 gal) Drum Cart for Pole Cart
- **16M961** Roving Box Kit
- **16N918** Wall Mount Bracket Kit
- **16N761** Boom Kit

### Hose Kits
- **16M718** Internal Gel Hose Extension 7.6 m (25 ft)
- **16M857** Internal Gel Hose Bundle 7.6 m (25 ft)
- **16M500** Internal Gel Hose Bundle 10.7 m (35 ft)
- **16M584** Internal Gel Hose Bundle 15.2 m (50 ft)
- **16M719** External Gel Hose Extension 7.6 m (25 ft)
- **16M588** External Gel Hose Bundle 7.6 m (25 ft)
- **16M591** External Gel Hose Bundle 10.7 m (35 ft)
- **16M585** External Gel Hose Bundle 15.2 m (50 ft)
- **16M712** Chop Hose Extension 7.6 m (25 ft)
- **16M586** Chop Hose Bundle 7.6 m (25 ft)
- **16M589** Chop Hose Bundle 10.7 m (35 ft)
- **16M583** Chop Hose Bundle 15.2 m (50 ft)

### Replacement Outlet Filters
- **224458** 30 mesh, 2-pack
- **238436** 30 mesh, 25-pack
- **224459** 60 mesh, 2-pack
- **238438** 60 mesh, 25-pack
- **224468** 100 mesh (standard option), 2-pack
- **238440** 100 mesh (standard option), 25-pack
- **224469** 200 mesh, 2-pack
- **238442** 200 mesh, 25-pack

### Pump Kits and Parts
- **W170FS** 17.1 Pump Assembly 75 cc SST
- **W130FC** 13.1 Pump Assembly 100 cc CS
- **M07NL** 4.5 in FRP NXT Air Motor
- **16N238** 4.5 in FRP NXT Air Motor - Seal Kit
- **16N243** 100 cc FRP Lower - Connection Kit
- **16N231** 75 cc FRP Lower - Seal Kit
- **16N242** 75 cc FRP Lower - Connection Kit
- **16N919** Catalyst Pump Rebuild Kit

### System Without Hoses
- **17:1 Ratio** Max Air Consumption** – 35 scfm
- **Max Fluid Output** – 5.7 lpm (1.5 gpm)

### System with Hoses
- **13:1 Ratio** Max Air Consumption** – 35 scfm
- **Max Fluid Output** – 3.8 lpm (1 gpm)

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* Systems without hoses do not come with guns  ** Fluid and air flow rate for 70 cpm
Gun Ordering Information

**How to Read a Composite Spray Tip Number**

**Airless Composites Spray Tips** - For example: CST521
1. The first three letters (CST) = Composite Spray Tip.
2. The 4th digit indicates pattern width code. Double this number to get the pattern width at 12 inches.
3. The last two digits indicates orifice size. In this case, 21 is equivalent to a .021 diameter orifice.

**Impingement Composites Spray Tips** - For example: CST575
1. The first three letters (CST) = Composite Spray Tip.
2. The 4th digit indicates S for stainless steel or T for tool steel.
3. The 5th digit indicates spray pattern width code. Double the number to get pattern width at 18 inches.

---

### Gun Kits
- **24E415**: Solvent AAC assembly fitting kit
- **24E416**: Needle clamp assembly kit
- **24E417**: Complete needle assembly
- **24E418**: Needle repair kit
- **24E419**: Needle AAC kit
- **24E420**: Catalyst Seat Kit
- **24E421**: Resin Seat Kit
- **24E422**: Cutter adapter kit
- **24E423**: Catalyst check valve
- **24E424**: Check valve housing kit
- **24E425**: Trigger air valve kit
- **24E428**: Seat seal, 6-pack
- **24E435**: Tip seal kit, 6-pack
- **24E436**: Needle assembly kit, 6-pack
- **24E443**: Front head internal check valve
- **24E444**: Internal spring check valve kit
- **24E445**: Internal mixer kit
- **24E446**: Front head external check valve kit
- **24E447**: Front head external check valve repair kit
- **24F706**: Chopper Air Shutoff Valve
- **16N889**: Carbide seat kit

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### RS Guns
- **258853**: RS Internal Mix Gel Coat Gun, includes CST521 tip
- **258840**: RS External Mix Gel Coat Gun, includes CST521 tip
- **258971**: RS Internal Mix Chop Gun with Cutter, includes CST443 tip
- **258970**: RS External Mix Chop Gun with Cutter, includes CST443 tip
- **258854**: RS Internal Mix Chop Gun without Cutter, includes CST443 tip
- **258852**: RS External Mix Chop Gun without Cutter, includes CST443 tip

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### RS Gun Parts
- **24E512**: Cutter assembly
- **24E448**: 4-Blade Cartridge Kit, 5-pack
- **24F602**: 6-Blade Cartridge Kit, 5-pack
- **24E449**: 8-Blade Cartridge Kit, 5-pack
- **123672**: Anvils
- **16K768**: RS RTM and Pour Adapter
- **24H337**: Internal Mix High Flow Kit
- **24H336**: External Mix High Flow Kit
- **24M569**: Reving guide, 2-hole feeder bar

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### Optional Cutter Chutes
- **16K759**: Open, Short, Adjustable Chute
- **16K760**: Closed, Short, Adjustable Chute
- **16K762**: Open, Long, Adjustable Chute
- **16K763**: Closed, Long, Adjustable Chute
- **125883**: Closed, Long, Wide Chute
- **125884**: Closed, Narrow Chute

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### Head Assemblies
- **24E426**: External Mix Horizontal Front Head Kit
- **24E427**: External Mix Vertical Front Head Kit
- **24E442**: Internal Mix Chop Front Head Kit
- **24G615**: Internal Mix Gel Front Head Kit

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### ORIFICE SIZE - INCHES

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### ORIFICE SIZE - INCHES

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RS Guns
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1. The first three letters (CST) = Composite Spray Tip.
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3. The 5th digit indicates spray pattern width code. Double the number to get pattern width at 18 inches.

In this case, 7 equals a 14-inch pattern width at an 18-inch spraying distance.
ABOUT GRACO

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.

GRACO LOCATIONS

MAILING ADDRESS
P.O. Box 1441
Minneapolis, MN 55440-1441
Tel: 612-623-6000
Fax: 612-623-6777

AMERICAS

MINNESOTA
Worldwide Headquarters
Graco Inc.
88-11th Avenue N.E.
Minneapolis, MN 55413

EUROPE

BELGIUM
European Headquarters
Graco BVBA
Industrieterrein-Oude Bunders
Stakwiedestraat 31
3630 Maasmechelen
Belgium
Tel: 32 89 770 700
Fax: 32 89 770 777

ASIA PACIFIC

AUSTRALIA
Graco Australia Pty Ltd.
Suite 17, 2 Enterprise Drive
Bundoora, Victoria 3083
Australia
Tel: 61 3 9468 8500
Fax: 61 3 9468 8599

CHINA
Graco Hong Kong Ltd.
Shanghai Representative Office
Building 7
1029 Zhongshan Road South
Huangpu District
Shanghai 200011
The People’s Republic of China
Tel: 86 21 649 50088
Fax: 86 21 649 50077

INDIA
Graco Hong Kong Ltd.
India Liaison Office
Room 432, Augusta Point
Regus Business Centre 53
Golf Course Road
Gurgaon, Haryana
India 122001
Tel: 91 124 435 4208
Fax: 91 124 435 4001

JAPAN
Graco K.K.
1-27-12 Hayabuchi
Tsuzuki-ku
Yokohama City, Japan 2240025
Tel: 81 45 593 7300
Fax: 81 45 593 7301

KOREA
Graco Korea Inc.
Shinhan Bank Building
4th Floor #1599
Gwangyang-Dong, Dongan-Ku,
Anyang-si, Korea 431-060
Tel: 82 31 476 9400
Fax: 82 31 476 9801

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