



Fusion[®] CS

Plural-Component Spray Gun with ClearShot™ Technology



PROVEN QUALITY. LEADING TECHNOLOGY.

Fusion CS – Innovative Engineering and Design

Unprecedented features that will change the way you spray

A new class of spray gun

Graco's new Fusion plural-component spray gun with ClearShot (CS) Technology applies foam and polyureas. Strengthened with breakthrough ClearShot Technology, the Fusion CS delivers improved productivity and performance throughout the spray day.

Liquid purge

- Reduces purge air by 75%, minimizing material blowback
- Gain flexibility and maneuverability to spray in small, tight areas

Industry-first quick-change front end

- Swap out fluid head in seconds
- Non-stick polymer cover for easy cleanup
- "Air knife" – reduces material buildup

Variable flow setting

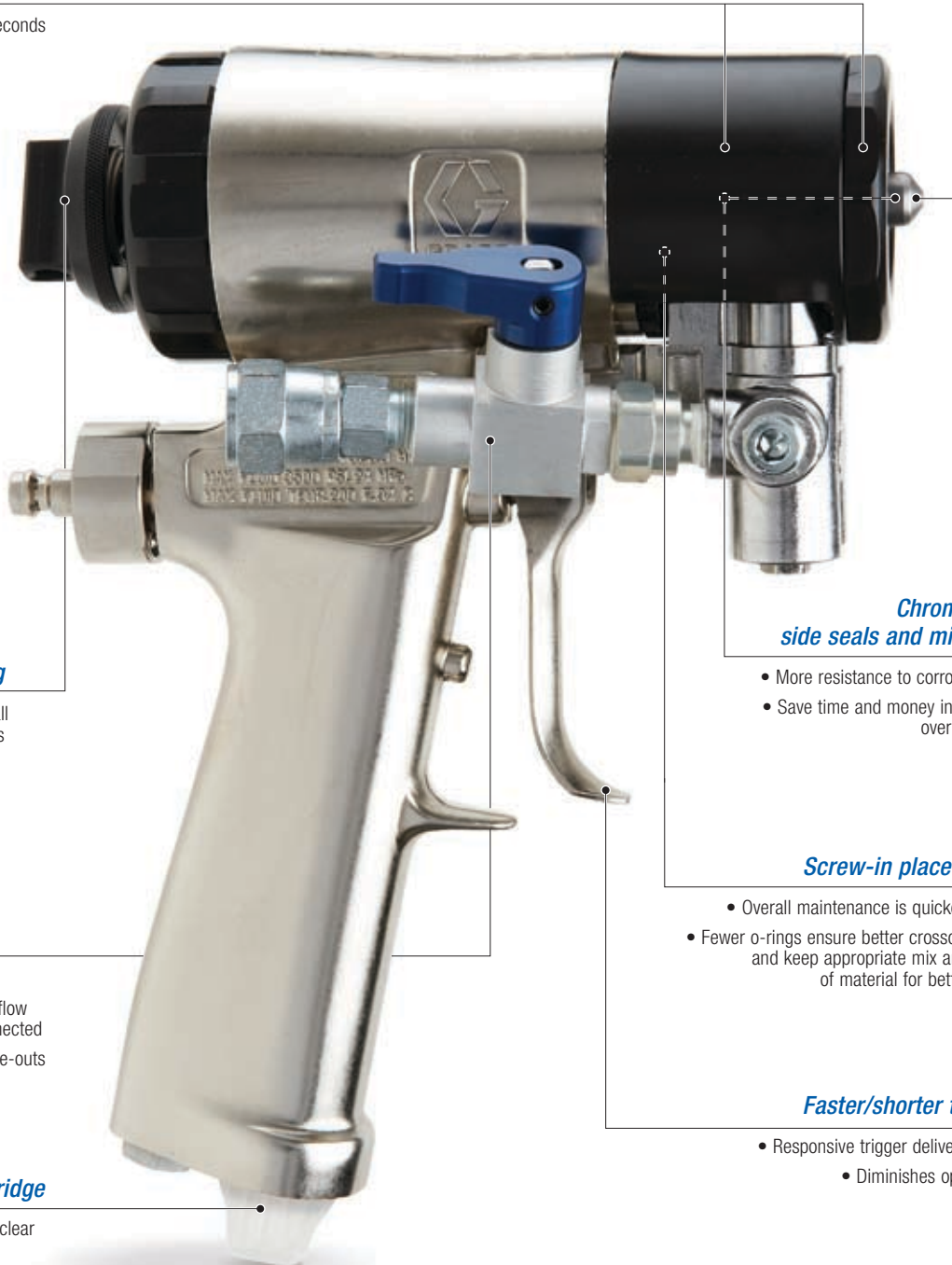
- Switch from large to small spray patterns in seconds
- Ten different settings

New manifold

- Easy on/off valves
- Check valves block fluid flow when manifold is disconnected
- Quick filter screen change-outs

New ClearShot Cartridge

- Keeps gun mix chamber clear



Chromex[®]-coated side seals and mix chamber

- More resistance to corrosion and wear
- Save time and money in replacements over the long-term

Screw-in place side seals

- Overall maintenance is quicker and simpler
- Fewer o-rings ensure better crossover protection and keep appropriate mix and proportions of material for better end results

Faster/shorter trigger pull

- Responsive trigger delivers quick shots
- Diminishes operator fatigue

ClearShot Technology – A Cutting-edge Discovery

Setting the new industry standard for performance and productivity

Technology that lets you spray all day

ClearShot Technology sets the Fusion CS gun apart from every other gun. The secret of the revolutionary ClearShot Technology is the blue, non-toxic ClearShot Liquid. ClearShot Liquid is contained in a disposable, non-reusable cartridge, which is easily inserted into the gun's ergonomic handle. Every time the trigger is pulled, ClearShot Liquid dispenses into the mix chamber and dissolves any built-up chemical - keeping it clean.



ClearShot Liquid

- Virtually eliminates drilling of the mix chamber – increasing spraying uptime and reducing downtime spent on maintenance
- Maintains patterns and maximizes each kit with a clean mix chamber, saving time and money on material
- Benefits daily and annual productivity



Each cartridge contains about 1,000 to 1,200 trigger shots (pulls) a day, allowing you to work longer and more productively.

The Most Complete Spray Gun on the Market

The Fusion CS with ClearShot Technology is flexible for both foam and polyurea applications

New features for more productivity

The new, advanced features on the Fusion CS make up a completely new gun that is designed to stay cleaner, save time on maintenance and reduce long-term ownership costs.

With the Fusion CS, you can face your spray day head on, prepared for a day of spraying, not maintaining.

ClearShot Technology can save you nearly an hour of downtime each day, making more days available for other opportunities – and allowing you to spray more foam.

More productivity for increased profit

The ten settings on the break-through variable flow feature eliminate the need to switch out guns or change-out equipment. Fewer spray-day interruptions and greater maneuverability help you finish a job quicker and turn around more jobs in less time.

By coating key components with Chromex, replacing parts is less costly and saves you time and money. Longer-life mix chambers and side seals minimize repair and replacement costs.

The new Fusion CS puts a complete problem-solving package in your hands. Imagine the power and all-day productivity this new gun offers.



Fusion CS Guns, Cartridges and Accessories

For genuine Graco products, see your nearest Graco distributor, or call 877-844-7226

Technical Specifications

Materials sprayed	Foam/polyurea
Maximum output	.25 lb/min (11.3 kg/min)
Minimum output	< 1 lb/min (< 0.45 kg/min)
Maximum fluid working pressure	.3500 psi (240 bar, 24.0 MPa)
Maximum working air inlet pressure	130 psi (9 bar, 0.9 MPa)
Maximum fluid temperature	200° F (93° C)
Weight	2.6 lb (1.2 kg)
Gun dimensions	6.25 x 8.0 x 3.3 in (15.9 x 20.3 x 8.4 cm)
Applications	Residential foam insulation, roofing, other polyurethane foams and polyurea

Ordering Information

Fusion CS Gun, Round

CS20RD	RD2020 (000) round mix chamber (.020 orifice size)
CS00RD	RD0000 (00) round mix chamber (.029 orifice size)
CS01RD	RD0101 (01) round mix chamber (.042 orifice size)
CS02RD	RD0202 (02) round mix chamber (.052 orifice size)
CS03RD	RD0303 (03) round mix chamber (.060 orifice size)

Fusion CS Gun, Wide Round

CS22WD	WD2222 wide mix chamber (.022 orifice size)
CS00WD	WD0000 wide mix chamber (.028 orifice size)
CS01WD	WD0101 wide mix chamber (.039 orifice size)
CS02WD	WD0202 wide mix chamber (.046 orifice size)
CS03WD	WD0303 wide mix chamber (.057 orifice size)

Fusion CS Gun, Flat

CS20F1	FL2020 mix chamber with FT0424 flat tip (.020 orifice size)
CS20F2	FL2020 mix chamber with FT0438 flat tip (.020 orifice size)
CS00F1	FL0000 mix chamber with FT0424 flat tip (.029 orifice size)
CS00F2	FL0000 mix chamber with FT0438 flat tip (.029 orifice size)
CS00F3	FL0000 mix chamber with FT0624 flat tip (.029 orifice size)
CS00F4	FL0000 mix chamber with FT0638 flat tip (.029 orifice size)
CS00F5	FL0000 mix chamber with FT0838 flat tip (.029 orifice size)
CS00F6	FL0000 mix chamber with FT0848 flat tip (.029 orifice size)
CS01F1	FL0101 mix chamber with FT0424 flat tip (.042 orifice size)
CS01F2	FL0101 mix chamber with FT0438 flat tip (.042 orifice size)
CS01F3	FL0101 mix chamber with FT0624 flat tip (.042 orifice size)
CS01F4	FL0101 mix chamber with FT0638 flat tip (.042 orifice size)
CS01F5	FL0101 mix chamber with FT0838 flat tip (.042 orifice size)
CS01F6	FL0101 mix chamber with FT0848 flat tip (.042 orifice size)
CS02F1	FL0202 mix chamber with FT0424 flat tip (.052 orifice size)
CS02F2	FL0202 mix chamber with FT0438 flat tip (.052 orifice size)
CS02F3	FL0202 mix chamber with FT0624 flat tip (.052 orifice size)
CS02F4	FL0202 mix chamber with FT0638 flat tip (.052 orifice size)
CS02F5	FL0202 mix chamber with FT0838 flat tip (.052 orifice size)
CS02F6	FL0202 mix chamber with FT0848 flat tip (.052 orifice size)

Fusion CS Parts and Accessories

117773	Fusion grease (248280 - pack of 10)
118665	Fusion lube (248279 - pack of 10)
246357	Gun filter, 40 mesh - pack of 10
246358	Gun filter, 60 mesh - pack of 10
246359	Gun filter, 80 mesh - pack of 10
256385	ClearShot Liquid Cartridges - pack of 25
256386	ClearShot Liquid Cartridges - pack of 50
256387	ClearShot Liquid Cartridges - pack of 100
256414	Cover retainer kit - pack of 5
256415	Front cover, round kit - pack of 5
256416	Front cover, tip kit - pack of 5
257424	Dosing piston with O-rings
256454	Air piston kit
256455	Spool valve kit
256456	Variable flow kit
256457	Front end replacement kit
256458	Handle kit
256459	A Side valve kit
256460	B Side valve kit
256461	Fluid head checks kit
257427	Check valve housing (ISO) - pack of 10

257428	Check valve housing (resin) - pack of 10
257419	Check valve spring - pack of 10
257420	Check ball - pack of 10
257421	Check valve retainer - pack of 10
256462	Hose manifold checks kit
256463	Side seal housings kit
256464	Side seals kit
256465	Polycarbally seals kit - pack of 2
257422	Check valve kit, Fusion CS (ISO)
257423	Check valve kit, Fusion CS (resin)
256466	Hose manifold kit
256923	Side seal springs - pack of 10
256467	Side seal O-rings - pack of 6
256468	Side seal housing O-rings - pack of 6
256640	O-ring, fluid head checks kit
256469	Hose manifold check O-rings kit
256470	Air piston O-ring kit
256471	Fluid head O-ring kit
256472	Back cap O-ring kit
256489	Polycarbally seals kit - pack of 20
256490	Complete O-rings repair kit
256510	Fusion CS solvent flush kit
256526	Fusion CS gun cleaning kit
256566	Fusion CS recirc manifold kit
256567	Tip retainer kit
256641	Fusion CS flush manifold kit
256642	Inlet cover kit
256569	Fusion CS TP100 tip kit
256977	Studwall retainer kit / TP 100
256978	Studwall housing kit / TP 100
256570	Fusion CS studwall tip kit
256650	TP100 seals - pack of 5
256651	Studwall tip seals - pack of 5
256771	Check valve O-ring, radial - pack of 6
256772	Air piston O-ring, small - pack of 6
256773	Fluid housing O-ring, small - pack of 6
256774	Variable flow O-ring - pack of 6
256775	Air piston O-ring, large - pack of 6
257426	Variable flow O-ring kit - pack of 6
248132	Fluid housing O-ring, large - pack of 6
248648	Fluid housing O-ring, mix chamber - pack of 6

Fusion CS Mix Chamber Kits (Includes clean out tools)

FL2020	Fusion CS 2020 flat mix chamber kit
FL0000	Fusion CS 2929 flat mix chamber kit
FL0101	Fusion CS 4242 flat mix chamber kit
FL0202	Fusion CS 5252 flat mix chamber kit
RD2020	Fusion CS 2020 round mix chamber kit
RD0000	Fusion CS 2929 round mix chamber kit
RD0101	Fusion CS 4242 round mix chamber kit
RD0202	Fusion CS 5252 round mix chamber kit
RD0303	Fusion CS 6060 round mix chamber kit
WD2222	Fusion CS 2222 wide mix chamber kit
WD0000	Fusion CS 2828 wide mix chamber kit
WD0101	Fusion CS 3939 wide mix chamber kit
WD0202	Fusion CS 4646 wide mix chamber kit
WD0303	Fusion CS 5757 wide mix chamber kit



ABOUT GRACO

PROVEN QUALITY. LEADING TECHNOLOGY.

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 N.V.
Industrieterrein-Oude Bunders
Slakweidestraat 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: 61.3.9550.0848
Fax: 61.3.9550.0816

CHINA

Graco Hong Kong Ltd.
Shanghai Representative Office
Room 118 1st Floor
No.2 Xin Yuan Building
No.509 Cao Bao Road
Shanghai, P.R. China 200233
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.
4th Floor Shinhan Bank Building
#1599
Gwanyang-dong, Dongan-ku,
Nayang-si,
Korea 431-060
Tel: 82.31.476.9400
Fax: 82.31.476.9801

SALES/ DISTRIBUTION/ SERVICE

Call today for product information or to request a demonstration.

877.84GRACO (1-877-844-7226) or visit us at www.graco.com.

Graco Inc. is registered to I.S. EN ISO 9001

North America
Industrial Customer Service
800.328.0211
Fax 877.340.6427