



ToughTek™

Fireproofing Pumps



Grab the power of ToughTek Fireproofing Pumps and get done sooner

- Piston pump technology easily handles fireproofing materials
- Gets projects done faster with high-pressure performance
- Electric operation – plugs into 15A wall outlet
- Long-lasting wear parts give you more uptime and less downtime for maintenance
- Easy to use, easy to maintain

PROVEN QUALITY. LEADING TECHNOLOGY.

Big Performance From a Small Sprayer

Save time with high-pressure performance

Designed for fireproofing applications, Graco® ToughTek Fireproofing Pumps handle low, medium and high-density sprayed fire resistive materials (SFRMs), delivering them with a smooth, steady flow rate.

Engineered with piston pump technology, ToughTek Pumps deliver high pressures to move materials through long hose lengths – which helps you spray longer and farther to get the job done sooner. You spend more time spraying and less time moving your equipment around the job site.

Easy to operate

Designed for simple, intuitive operation, your crew will be up and running in no time.

- Plug and play – the ToughTek F340e pump plugs into a standard 120V wall outlet; the ToughTek F680 pump is 230V
- Variable speed control – dial in the exact speed needed
- Optional remote start/stop switch – lets the nozzle man start or stop the pump

Compact, portable and easy to move

The ToughTek Fireproofing Pump's compact design and small footprint makes it easy to transport into the jobsite. Take it anywhere – doorways, halls and elevators. ToughTek Fireproofing Pumps fit into tight spaces so you can spray with ease.

Save money with overall durability

The ToughTek Fireproofing Pump's durable piston pump stands up to highly abrasive fireproofing materials. Its quick knockdown design makes maintenance fast and easy. You eliminate the frequent expense of replacing pump parts.



Materials

Low, medium and high density fireproofing including:

- Gypsum-based SFRMs
- Cementitious SFRMs

Applications

- Onshore oil
- Gas and chemical processing facilities
- Industrial structures
- Commercial buildings
- Floor and roof assemblies, steel beams, joists and columns

ToughTek F680e Fireproofing Pump



Low Power Requirements

- Plugs into standard 120V wall outlet
- No electrician or rewiring needed

Easy to Clean Hopper

- Rugged polyethylene construction
- 20 gal (76 L) capacity

Compact and Portable

- Easy to move

Hose Cam and Groove Connection

- For fast, easy assembly

Pump Lower

- Designed for heavy materials, rugged steel construction
- Quick knockdown

Variable Speed

- Dial in the exact speed needed, from low to high volume output

Optional Remote On/Off Switch

- Start or stop the pump at the nozzle

Flat Proof Tires

- Withstand the worst jobsite debris

Tool-less Hopper Removal

- Disconnects in seconds to clean



Ideal for difficult-to-reach locations, the compact ToughTek F340e Portable Fireproofing Sprayer is a rugged, dependable workhorse for fireproofing materials.

Ordering information

ToughTek™ Pumps

25A500	ToughTek F340e Portable Pump, bare, with hopper
25A501	ToughTek F340e Portable Pump with 50 ft (15 m) hose, 24B944 pole applicator and hopper
24Y500	ToughTek F680e Pump bare, with hopper, remote on/off switch and air compressor
24Y501	ToughTek F680e Pump with 75 ft (23 m) hose, 24B944 pole applicator, hopper, remote on/off switch and air compressor

Recommended Repair Parts

17H194	Outlet check valve
17H193	Pump inlet elbow
17H242	Pump rebuild kit (all soft seals and check balls)
16W510	Carbide inlet seat with o-ring
17H191	Piston seat with o-ring

Parts and Accessories

17G550	1 in hose, 25 ft (7.5 m), 1000 psi max working pressure	17H197	Remote On/Off Switch with 100 ft (30 m) cable
17G551	1.25 in hose, 50 ft (15 m), 750 psi max working pressure	17G554	F340e remote switch kit
17G552	1.5 in hose, 50 ft (15 m), 750 psi max working pressure	24Y479	F680e forklift stabilization kit
17G767	Hose adapter (connects 1 in hose to 1.25 or 1.5 in hose)		

Technical Specifications

	F340e	F680e (with compressor)
Pump type	2-ball piston	2-ball piston
Electrical requirements	120V 15A	230V 1-ph 30A
Max working pressure	1000 psi (69 bar, 6.9 MPa)	500 psi (34 bar, 3.4 MPa)
Max spray pressure	500 psi (34 bar; 3.4 MPa)	500 psi (34 bar; 3.4 MPa)
Max output (bags/hour)*	10 to 15	20 to 25
Max output**	6.5 gpm (24 lpm)	10.8 gpm (41 lpm)
Volume control	Variable	Variable
Max hose length	1 in dia x 100 ft (30.5 m)	300 ft (91.5 m)†
Conveying distance - vertical	Up to 50 ft (15 m)	Up to 200 ft (61 m)
Hopper capacity	20 gal (76 L)	30 gal (114 L)
Hopper opening (W x D)	22.5 x 14 in (57 x 36 cm)	20.5 x 27.5 in (52 x 70 cm)
Hopper/filling height	26 in (66 cm)	26 in (66 cm)
Pump outlet size	1 in cam groove (m)	1.5 in cam groove (m)
Dimensions (L x W x H)	45.5 x 24 x 38 in (116 x 61 x 97 cm)	62.25 x 33 x 46 in (158 x 84 x 117 cm)
Weight††	210 lb (95 kg)	625 lb (284 kg)
Chemical compatibility	Water based materials	Water based materials
Max air compressor pressure	NA	75 psi (5.2 bar, 0.52 MPa)
Max air compressor flow	NA	10 cfm
Air compressor outlet size	NA	¼ in QD (f) fitting
Wetted parts	SST, aluminum, carbide seats, plated steel, PTFE, UHMWPE, LLDPE, urethane, solvent-resistant elastomer	
Remote on/off switch	Optional	Included
Air compressor	Optional	Included
Manual	3A3109	3A3110

* Typical for medium density cementitious fireproofing material. Performance will vary based on material used, water content, nozzle size, hose length and size.

** Theoretical

† Hose length comprised of 1.5 in dia x 200 ft (61 m) + 1.25 in dia x 50 ft (15 m) + 1 in dia x 50 ft (15 m)

†† without hose and applicator

Sprayability may be affected by mix consistency, hose size and other factors. Check with material suppliers or contact your Graco distributor for a demonstration.

Contact us today!

For more information, e-mail toughtek@graco.com,
call 800-746-1334 or visit us online at www.graco.com.

