



ToughTek® Fireproofing Pumps

Fireproofing Pumps with Powerful Piston Pump Technology



PROVEN QUALITY. LEADING TECHNOLOGY.

► **Graco ToughTek – Big Performance From a Small Sprayer**

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. ToughTek Pumps deliver high pressures to move materials through long hose lengths so 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
- 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 onto the jobsite. Take it anywhere – doorways, halls and elevators. ToughTek Fireproofing Pumps fit into tight spaces so you can spray with ease.

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

► 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.



ToughTek F680e Fireproofing Pump



Pivoting Pump Lower

- For easy maintenance



Easy to Clean Hopper

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

Compact and Portable

- Easy to move

Variable Speed

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

Optional Integrated Compressor

- Tankless 110V or 240V
- 5 CFM @ 40 psi continuous output

Low Power Requirements

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

Female Mortar Coupling

- For fast, easy assembly

Pump Lower

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

Optional Remote On/Off Switch

- Start or stop the pump at the nozzle

Tool-less Hopper Removal

- Disconnects in seconds to clean

Flat Proof Tires

- Withstand the worst jobsite debris

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

► Which System is Right For You?

The Graco ToughTek Fireproofing pumps are available in two models, the F340e and the F680e. Depending on your job requirements, Graco has the right pump to fit your needs.



	F340e	F680e
Pump type	2-ball piston	2-ball piston
Max working pressure	600 psi (41 bar, 4.1 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)*	Up to 15	Up to 25
Max output**	6.5 gpm (24 lpm)	10.8 gpm (41 lpm)
Volume control	Variable	Variable
Max hose length	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	35 mm (f) Ludecke Mortar Coupling	35 mm (f) Ludecke Mortar Coupling
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) (without hose and applicator)	625 lb (284 kg)
Chemical compatibility	Water based materials	Water based materials
Max air compressor pressure	55 psi (3.8 bar, 0.38 MPa)	75 psi (5.2 bar, 0.52 MPa)
Max air compressor flow	5 cfm (compressor models only)	10 cfm (compressor models only)
Air compressor outlet size	1/4 in QD (f) fitting	1/4 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	Optional
Manual	3A3109	3A3110

* Tested with high density cementitious fireproofing material. Performance will vary based on material, mix consistency, hose size and other factors. Check with material suppliers or contact your Graco distributor for a demonstration. ** Theoretical flow rate.

Ordering Information

ToughTek F340e Portable Pumps

F340e Packages include: 50 ft (15 m) hose and 24Y619 pole applicator. All F340e units include material hopper.

25A500	F340e bare, 120V, 15A, 1-ph	25A550	F340e bare, w/air compressor, 120V, 15A, 1-ph
25A501	F340e pkg, 120V, 15A, 1-ph	25A551	F340e pkg, w/air compressor, 120V, 15A, 1-ph
25A502	F340e bare, w/remote on/off switch, 120V, 15A, 1-ph	25A552	F340e bare, w/remote & air compressor, 120V, 15A, 1-ph
25A503	F340e pkg w/remote on/off switch, 120V, 15A, 1-ph	25A553	F340e pkg, w/remote & air compressor, 120V, 15A, 1-ph

ToughTek F680e Pumps

F680e Packages include: 100 ft (30 m) hose and 24Y619 pole applicator. All F680e units include remote on/off switch and material hopper.

24Y500	F680e bare, w/ air compressor, 230V, 30A, 1-ph	24Y504	F680e bare, w/ air compressor, 400V, 16A, 3-ph
24Y501	F680e pkg w/ air compressor, 230V, 30A, 1-ph	24Y505	F680e pkg w/ air compressor, 400V, 16A, 3-ph
24Y502	F680e bare, no air compressor, 230V, 18A, 1-ph	24Y506	F680e bare, no air compressor, 400V, 16A, 3-ph
24Y503	F680e pkg, no air compressor, 230V, 18A, 1-ph	24Y507	F680e pkg, no air compressor, 400V, 16A, 3-ph

ToughTek Mortar Hose

With Ludecke Mortar Couplings — 25 mm male and female mortar coupling shown



17G920	Hose, 1 in x 10 ft (25 mm x 3 m), with 25 mm Ludecke Mortar Couplings	17G925	Hose, 1.375 in x 50 ft (35 mm x 15 m), with 35 mm Ludecke Mortar Couplings
17G921	Hose, 1 in x 25 ft (25 mm x 7.5 m), with 25 mm Ludecke Mortar Couplings	17G926	Hose, 1.375 in x 65 ft (35 mm x 20 m), with 35 mm Ludecke Mortar Couplings
17G922	Hose, 1 in x 50 ft (25 mm x 15 m), with 25 mm Ludecke Mortar Couplings	17G927	Hose, 2 in x 25 ft (50 mm x 7.5 m), with 50 mm Ludecke Mortar Couplings
17G923	Hose, 1.375 in x 10 ft (35 mm x 3 m), with 35 mm Ludecke Mortar Couplings	17G928	Hose, 2 in x 50 ft (50 mm x 15 m), with 50 mm Ludecke Mortar Couplings
17G924	Hose, 1.375 in x 25 ft (35 mm x 7.5 m), with 35 mm Ludecke Mortar Couplings	17G929	Hose, 2 in x 65 ft (50 mm x 20 m), with 50 mm Ludecke Mortar Couplings

► Ordering Information

Legacy Mortar Hose

With Legacy Mortar Couplings — 1 inch male and female mortar coupling shown



25A214	Hose, 1.5 in x 25 ft (38 mm x 7.5 m), with 1.5 in Mortar Couplings	17G550	Hose, 1 in x 25 ft (25 mm x 7.5 m), with 1 in Graco Mortar Couplings
25A215	Hose, 1.25 in x 25 ft (32 mm x 7.5 m), with 1.5 in Mortar Couplings	17G551	Hose, 1.25 in x 50 ft (32 mm x 15 m), with 1.5 in Mortar Couplings
25A216	Hose, 1 in x 10 ft (25 mm x 3 m), with 1 in Graco Mortar Couplings	17G552	Hose, 1.5 in x 50 ft (38 mm x 15 m), with 1.5 in Mortar Couplings

Hose/Applicator Kits

25C456	High Output Fireproofing Spray kit: Includes Fireproofing Pole applicator, 1.375 in x 50 ft (35 mm x 15 m) hose, 1.375 in x 25 ft (35 mm x 7.5 m) hose, 1 in x 25 ft (25 mm x 7.5 m) hose and required adapters (uses Ludecke Mortar Couplings)
25C457	Patch and Repair Fireproofing Spray kit: Includes Fireproofing Pole applicator, 1.375 in x 25 ft (35 mm x 7.5 m) hose, 1 in x 25 ft (25 mm x 7.5 m) hose and required adapters (uses Ludecke Mortar Couplings)
25C458	Browning Applicator Spray kit: Includes Browning applicator, 1.375 in x 25 ft (35 mm x 7.5 m) hose, 1 in x 25 ft (25 mm x 7.5 m) hose and required adapters (uses Ludecke Mortar Couplings)

Applicators

24Y619	Fireproofing Applicator with 25 mm (f) Ludecke Mortar Coupling
25M101	Browning Applicator with 25 mm (f) Ludecke Mortar Coupling

Mortar Coupling Conversion Kits

17N875	Pump Outlet Ludecke Mortar Coupling kit, 35 mm Ludecke (f) x 1.5 in NPT (m) - fits F340e, S340e and F680e
17N876	Applicator Inlet Ludecke Mortar Coupling kit, 25 mm Ludecke (f) x 1 in NPT (f) - fits fireproofing, EIFS, Browning and Deco applicators
17N877	Applicator Inlet Ludecke Mortar Coupling kit, 35 mm Ludecke (f) x 1.25 in NPT (m) - fits stucco applicator

Ordering Information

Ludecke Mortar Couplings

25 mm male and female mortar couplings shown



17N887	Ludecke Mortar Coupling Reducer, (m-m), 35 mm to 25 mm	17N893	Ludecke Mortar Coupling, 25 mm (f) mortar to 1 in BSPP (f)
17N888	Ludecke Mortar Coupling Reducer, (m-m), 50 mm to 35 mm	17N894	Ludecke Mortar Coupling, 35 mm in (f) mortar to 1.25 in BSPP (f)
17N889	Ludecke Mortar Coupling Adapter, (m-m), 35 mm to 35 mm	17N872	Ludecke Mortar Coupling Gasket – 25 mm
17N890	Ludecke Mortar Coupling Reducer, (f-m), 35 mm to 25 mm	17N873	Ludecke Mortar Coupling Gasket – 35 mm
17N891	Ludecke Mortar Coupling, 35 mm (f) mortar to 1.5 in BSPP (f)	17N874	Ludecke Mortar Coupling Gasket – 50 mm
17N892	Ludecke Mortar Coupling, 50 mm (f) mortar to 2 in BSPP (f)	17N882	Ludecke Mortar Coupling Arm with Pin – 25 mm
		17N883	Ludecke Mortar Coupling Arm with Pin – 35 mm
		17N884	Ludecke Mortar Coupling Arm with Pin – 50 mm

Legacy Mortar Couplings

1 inch male and female mortar couplings shown



15T116	Graco 1 in Mortar Coupling, 1 in (m) cam x 1 in NPT (f)	128475	1.5 in Standard Mortar Coupling, 1.5 in (f) cam x 1.5 in NPT (f)
289874	Graco 1 in Mortar Coupling, 1 in (f) cam x 1 in NPT (f)	128473	1.5 in Standard Mortar Coupling, 1.5 in (m) cam x 1.5 in NPT (m)
127476	1.5 in Standard Mortar Coupling, 1.5 in (m) cam x 1.25 in NPT (f)	128758	1.5 in Standard Mortar Coupling, 1.5 in (f) cam x 1.5 in NPT (m)
128477	1.5 in Standard Mortar Coupling, 1.5 in (f) cam x 1.25 in NPT (f)	17G767	Mortar Coupling Adapter - 1.5 in Standard (f) x 1 in Graco (m), connects 1 in to 1.25 in or 1.5 in mortar hose
128474	1.5 in Standard Mortar Coupling, 1.5 in (m) cam x 1.5 in NPT (f)		

Accessories and Common Repair Parts

17G554	Complete Remote Switch kit, compatible with F340e and S340e	113397	Sponge Ball for 1 in (25 mm) hose
17H197	Remote On/Off Toggle Switch with 100 ft (30 m) cable	248515	Sponge Ball for 1 in (25 mm) hose, pack of 5
17G665	Remote Switch Extension Cable - 100 ft (30 m)	17N886	Rotor/Stator Pump Pressure Test kit – 35 mm Ludecke Mortar Coupling
24Y479	F680e Forklift Stabilization kit	17H194	Outlet Check Valve
25A930	F340e Air Compressor kit, 120V	17H193	Pump Inlet Elbow
25A931	F340e Air Compressor kit, 240V	17H242	Pump Rebuild kit for F340e and F680e, (all soft seals and check balls)
17L860	Sponge Ball for 2 in (50 mm) hose	16W510	Carbide Inlet Seat with o-ring
17G930	Sponge Ball for 2 in (50 mm) hose, pack of 5	17H191	Piston Seat with o-ring
128745	Sponge Ball for 1.375 in (35 mm) hose		
25A227	Sponge Ball for 1.375 in (35 mm) hose, pack of 5		

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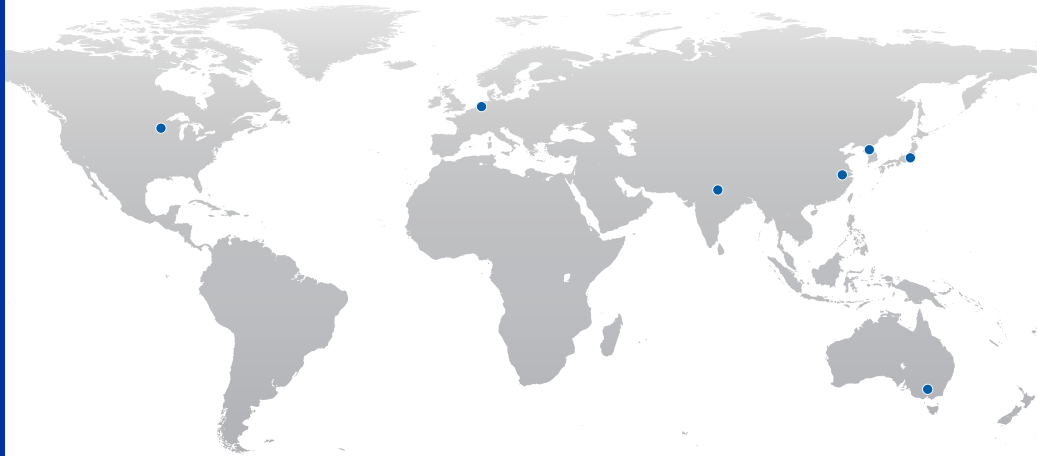
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