



# 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.

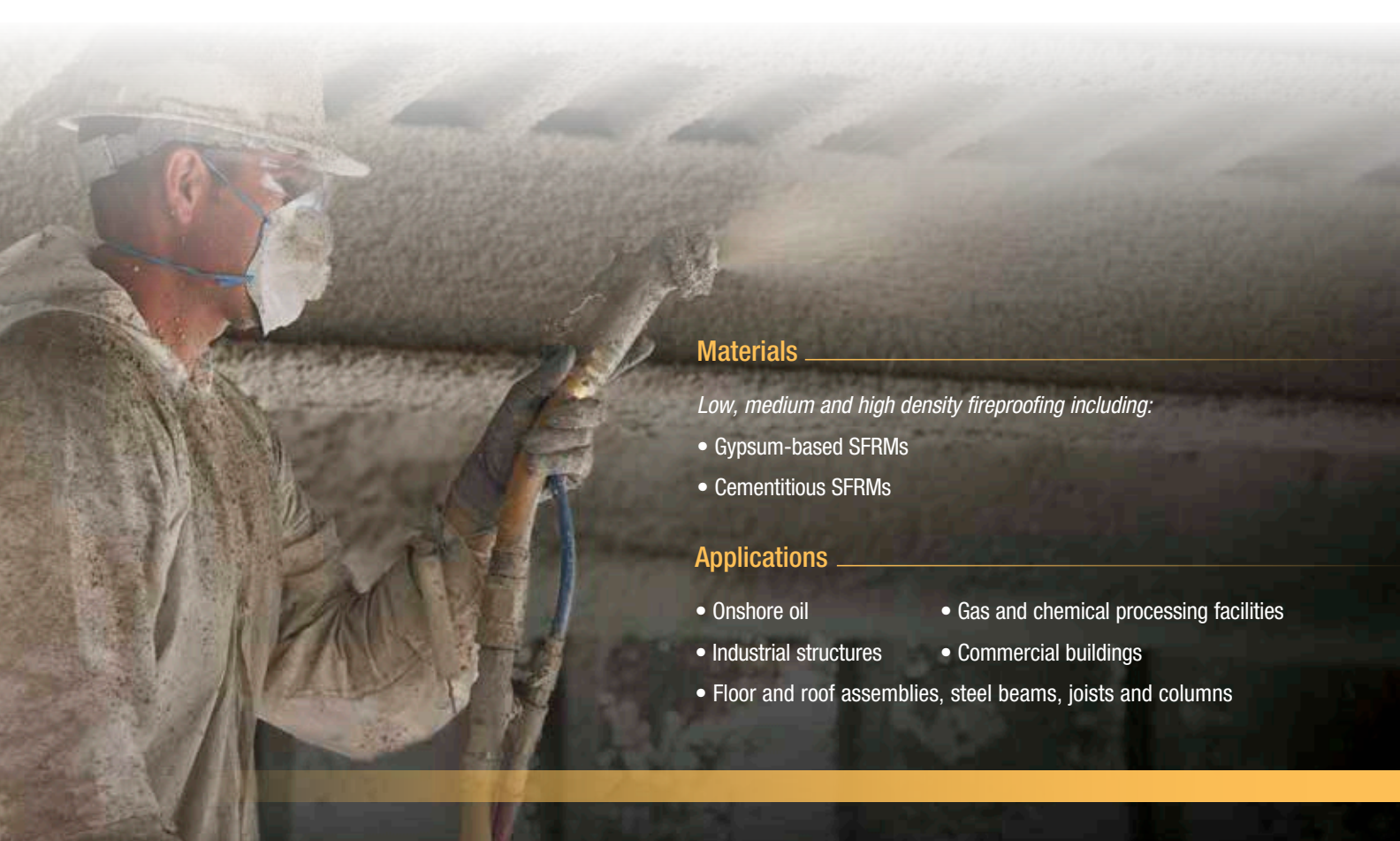
- Plug and play – the ToughTek F340e pump plugs into a standard 120V wall outlet
- Variable speed control – dial in the exact speed needed
- Optional remote start/stop switch – lets the nozzle man start or stop the pump

## 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.

## 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



**Pivoting Pump Lower**

- For easy maintenance

**Easy to Clean Hopper**

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



**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

**Compact and Portable**

- Easy to move

**Hose Cam and Groove Connection**

- For fast, easy assembly

**Low Power Requirements**

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

**Pump Lower**

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

**Tool-less Hopper Removal**

- Disconnects in seconds to clean

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

# 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
25A501	F340e pkg, 120V, 15A, 1-ph
25A502	F340e bare, w/ remote on/off switch, 120V, 15A, 1-ph
25A503	F340e pkg w/ remote on/off switch, 120V, 15A, 1-ph

## ToughTek F680e Pumps

F680e Packages include: 75 ft (23 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
24Y501	F680e pkg w/ air compressor, 230V, 30A, 1-ph
24Y502	F680e bare, no air compressor, 230V, 18A, 1-ph
24Y503	F680e pkg, no air compressor, 230V, 18A, 1-ph
24Y504	F680e bare, w/ air compressor, 400V, 16A, 3-ph
24Y505	F680e pkg w/ air compressor, 400V, 16A, 3-ph
24Y506	F680e bare, no air compressor, 400V, 16A, 3-ph
24Y507	F680e pkg, no air compressor, 400V, 16A, 3-ph

## Parts and Accessories

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

## 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
17H197	Remote On/Off Switch with 100 ft (30 m) cable

## Technical Specifications

	F340e	F680e
<b>Pump type</b>	2-ball piston	2-ball piston
<b>Max working pressure</b>	600 psi (41 bar, 4.1 MPa)	500 psi (34 bar, 3.4 MPa)
<b>Max spray pressure</b>	500 psi (34 bar; 3.4 MPa)	500 psi (34 bar; 3.4 MPa)
<b>Max output (bags/hour)*</b>	Up to 20	Up to 30
<b>Max output**</b>	6.5 gpm (24 lpm)	10.8 gpm (41 lpm)
<b>Volume control</b>	Variable	Variable
<b>Max hose length</b>	1 in dia x 100 ft (30.5 m)	300 ft (91.5 m)†
<b>Conveying distance - vertical</b>	Up to 50 ft (15 m)	Up to 200 ft (61 m)
<b>Hopper capacity</b>	20 gal (76 L)	30 gal (114 L)
<b>Hopper opening (W x D)</b>	22.5 x 14 in (57 x 36 cm)	20.5 x 27.5 in (52 x 70 cm)
<b>Hopper/filling height</b>	26 in (66 cm)	26 in (66 cm)
<b>Pump outlet size</b>	1 in cam groove (m)	1.5 in cam groove (m)
<b>Dimensions (L x W x H)</b>	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)
<b>Weight</b>	210 lb (95 kg) (without hose and applicator)	625 lb (284 kg)
<b>Chemical compatibility</b>	Water based materials	Water based materials
<b>Max air compressor pressure</b>	NA	75 psi (5.2 bar, 0.52 MPa)
<b>Max air compressor flow</b>	NA	10 cfm (compressor models only)
<b>Air compressor outlet size</b>	NA	¼ in QD (f) fitting
<b>Wetted parts</b>	SST, aluminum, carbide seats, plated steel, PTFE, UHMWPE, LLDPE, urethane, solvent-resistant elastomer	
<b>Remote on/off switch</b>	Optional	Included
<b>Air compressor</b>	Optional	Optional
<b>Manual</b>	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 † 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)

## Contact us today!

For more information, e-mail [toughtek@graco.com](mailto:toughtek@graco.com),  
call 877-844-7226 or visit us online at [www.graco.com](http://www.graco.com).



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