80 SERIES®
Engine-Driven Flammable
Liquid-Handling Pumps
The safest way to handle a hazardous pumping operation is to use a pump that is designed for the job. That's why Shield-A-Spark pumps by Gorman-Rupp feature a spark and splash shielded engine, muffler and fuel cap.

Four Shield-A-Spark models are available in 2” and 3” discharge sizes and are capable of delivering up to 395 gpm and heads up to 140'.

The gasoline engine unit features a dependable, rugged military or aircraft type spark plug which is radio suppressed and prevents spark gap jumping. A shielded ignition wire provides an enclosed path for high tension spark. The sealed toggle ignition switch is safe and spark free, and the spark-arresting muffler is designed to retard both sparks and flames.

Gasoline and diesel models are available that include non-combustible air filters and long-life valves.

Shield-A-Spark 80 Series® self-priming centrifugal pumps are available for all of your petroleum, industrial, construction and agricultural flammable fluid-handling needs. All diesel-driven models are equipped with the latest engines that meet Tier IV emission regulations.
**GORMAN-RUPP 80 SERIES®**
Shield-A-Spark Engine-Driven Flammable Liquid Pumps

---

**Specifications**

- **Pump Discharge Size:** 2" (50 mm) to 3" (75 mm)
- **Max Capacity:** 395 GPM (24.9 lps)
- **Max Head:** 140' (42.7 m)
- **Max Solids:** ¾" (19.1 mm)
- **Max Temp:** 160° F (71° C)
- **Seal Elastomer:** Viton®*
- **Materials of Construction:** Aluminum
- **Engines:** Briggs & Stratton Gasoline, Hatz & Yanmar Diesel

*Viton® is a registered trademark of DuPont Performance Elastomers. All rights reserved.

---

**Pump Performance Data**

2" to 3" 80 Series® Shield-A-Spark Models

---

Model 82D1-XR550-X (cutaway pictured above) is a UL listed product in the United States.
Engineering and manufacturing superiority has been the hallmark of Gorman-Rupp since our inception in 1933. Today we bring our products to life in some of the most efficient, modern and state-of-the-art manufacturing facilities in the world. Gorman-Rupp has a selection of nearly 3,000 pump models, and our world-class team of distributors has worked closely with thousands of end users around the world. We have the proven expertise and the resources to specify, manufacture, test and service your pump, and to ensure reliable performance for the long haul.