



Flexan

Flexan Fluid Power Solutions

Flexan has been creating solutions for the Fluid Power industry for over 60 years. We work with industry leaders to create unique solutions that address a variety of issues found in Fluid Power such as:

- High and low temperature materials
- Bonded applications; rubber bonded to metal (brass, stainless, aluminum), plastic, and ceramic substrates
- Materials developed to withstand a wide range of liquid and gaseous environments

Flexan benefits:

- Design for Manufacturing (DFM) engineering assistance
- Proven industry track record and expertise
- Co-development
- Custom material development and formulation
- Global Manufacturing and engineering capabilities



For more information please contact your local Flexan sales representative or Brian Barhorst Flexan Sales Manager at 773-685-6446. You can also visit us on the web at www.flexan.com.





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Rubber Applications in Fluid Power

There are a number of critical rubber parts found in hydraulic and pneumatic fluid power applications. Below is a partial list of these applications.

Hydraulics – Pumps, accumulators, and manifolds all utilize rubber parts in a sealing capacity. Flexan makes lip seals and various types of sealing rings for this application.

Pneumatics – Solenoids and proportional valves use rubber parts to control the flow of air. Solenoid covers, diaphragms, poppets, and valves are all manufactured by Flexan to fit this application.

Materials – Flexan has a long history of developing custom material solutions for the challenges created by corrosive fluids and extreme temperature environments. For hydraulics Flexan uses Fluorocarbons, Nitriles, and EPDMs to address the inherent challenges involved with brake fluids, oils, and other liquids. In Pneumatics Fluorocarbons, EPDMs, NBRs, and Silicones are used to deal with pressurized environments.



Flexan Your Rubber Solutions Provider

