

All of our products are
MADE IN THE USA!



RESERVOIRS AND ACCESSORIES



Flow Ezy offers different styles of reservoirs such as "L" shaped, J.I.C. reservoirs, vertical style, heavy duty, and economy style. We also offer all the accessories that go with the reservoir. We offer end covers, sight gauges, sight plugs, flange kits, shock mounts, filler-breather assemblies, tank breathers, and of course, a full line of filters and strainers, for return, suction, and pressure line applications.

Consider calling Flow Ezy the next time you need any of the above mentioned products. We can help "outfit" your hydraulic and other fluid power system.

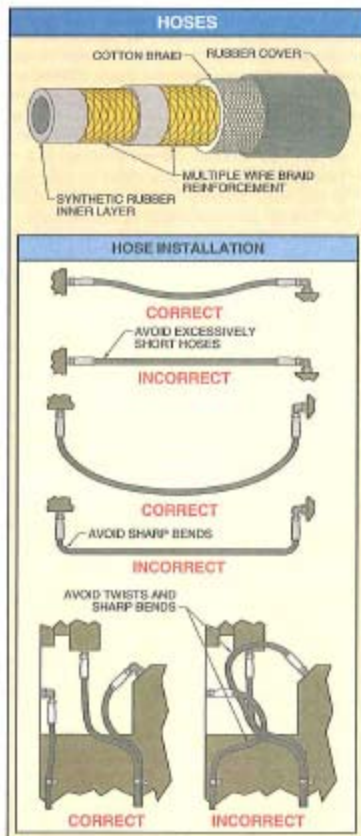
DO YOU HAVE ANY IDEAS?

Has the Flow Ezy Filters "News You Can Use" been beneficial to you in some way? Have we done our job informing you of the latest product and industry news? Is there something that you would like to see covered that we have missed? As always, we would love to hear from you to see how we are doing. If you have any ideas, suggestions, or comments, we want to hear them. Please feel free to contact Flow Ezy's General Manager, Don Krause, by clicking on the link below to send him a message.

[Don Krause, General Manager](#)



HOSES



Hoses are installed to avoid twists, turns, crimps, and bends in a system. Every time fluid goes around corners it causes a greater pressure drop, something you want to avoid in a fluid power system. Pressure drop can be a system's enemy if it is not held to a minimum.

Hoses generally have a rubber covering over cotton braiding with multiple wire braid reinforcements. The inner layer is usually a synthetic rubber.

To the left is a figure that shows correct and incorrect methods of installing hoses (taken from *Industrial Mechanics*, American Technical Publishers, Homewood, IL 1999). While an enormous number of hydraulic applications demand hoses in different lengths, strengths, size, weight, working pressure ratings, and flexibility, they can make or break an operating system.

Hoses are generally used when hard piping or tubes cannot be. This allows flexibility in machine operation or maintenance. In the mining industry, hydraulic hoses probably are used mostly on heavy equipment and vehicles. Through ease of use, the bend radius is carefully designed into the machine. Hoses usually have steel fittings on the ends which are swaged, a forging process. The weakest part of the hose is the connection to the fitting. Although the rubber has a shorter life span than that of hard piping and they need periodic replacement, they can last up to 7 years if proper maintenance is taken.

One thing to always remember is that proper tools are required when installing reusable hose fittings. Always follow the manufacturer's instructions when installing specific fittings.

[We do not want to be presumptuous in thinking that all who receive this newsletter care to read it. If you do not want to receive this newsletter, please click on this link and let us know and forgive us for the intrusion. We will remove your name from our list.](#)

DISCLAIMER: Flow Ezy products never have been and are not approved nor recommended for aircraft or aircraft service use