

INNOVATION INFORMATION SHEET

Flex-Guard Hydraulic Hose Joint

FLEX-GUARD HYDRAULIC HOSE JOINT

A Permanent Solution to Hydraulic Hose Failure.

In heavy-duty machinery and industrial applications, maintaining the structure and integrity of hydraulic hoses is important for efficiency and longevity. The Flex-Guard Hydraulic Hose Joint is a new and innovative hydraulic hose swivel engineered to eliminate wear issues associated with flexible hoses.

What is the Flex-Guard Hydraulic Hose Joint?

The Flex-Guard Hydraulic Hose Joint is a custom hose swivel fitting designed to integrate into your existing hydraulic system. Flex-Guard allows hoses to rotate and articulate freely, preventing operational wear, effectively reducing costly hose damage.

Seamless Integration into Existing Systems

One of the standout advantages of the Flex-Guard Hydraulic Hose Joint is its easy integration into your current system. Whether you require an in-line swivel or a rotating joint swivel, the Flex-Guard fits seamlessly into your machinery without the need for extensive modifications. This allows for a smooth and efficient upgrade process, enabling you to reap the benefits immediately without significant downtime during installation.

Target Areas

- **High Hose Abrasion or High Bending Angles:** Ideal for sections of machinery where hoses are subject to significant wear or sharp bends, preventing damage and extending hose life.
- **Hard-to-Maintain Areas:** Perfect for locations that are difficult to access for maintenance. If a hose fails in these areas, repairs can be time-consuming. The Flex-Guard minimizes the likelihood of such failures.
- **4-Wire Braided Hoses in High-Pressure Applications:** Made for high-pressure hoses, for reliable performance and resistance to mechanical stress.

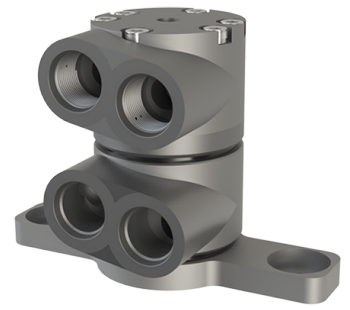
Exceptional Benefits of our Hydraulic Hose Joint

- **Hydraulic Hose Protection:** The Flex-Guard Hydraulic Hose Joint provides superior hydraulic hose protection by allowing unrestricted rotation. This eliminates the constant bending and twisting that typically lead to premature hose failure, so your hydraulic hoses remain intact and functional for longer periods.
- **Extended Equipment Lifespan:** By mitigating hose damage and reducing the frequency of replacements, the Flex-Guard greatly extends equipment lifespan. This leads to substantial long-term savings and enhances the return on investment for your machinery.
- **Extended Enhanced Safety:** A compromised hydraulic hose can pose serious safety risks. The Flex-Guard Hydraulic Hose Joint makes sure hoses remain intact and function correctly, enhancing workplace safety and reducing the potential for accidents caused by hose failures.

www.uea-inc.com/flexguard



Single Circuit



Two Circuit

