



One N' Done Packing Now With Chem Keeper

LCO Technologies

One N' Done O-Ring Packing

LCO Technologies is at the forefront of innovation with its One N' Done Packing, designed to provide superior performance in chemical injection applications. This proprietary seal is compatible with 5100 series fluid ends and is built to address common issues associated with traditional V-packings.



One N' Done Packing

Key Features:

- **One-Piece Design:** Simplifies installation and maintenance by eliminating the need for jam nuts or adjustments.
- **Pressure Versatility:** Performs effectively in both high- and low-pressure applications.
- **Chemical Compatibility:** Crafted from a highly chemically compatible material, making it suitable for a wide array of harsh chemicals.
- **Reduced Friction and Wear:** Designed to enhance electrical efficiency and prolong the lifespan of the packing.
- **Dust Resistance:** Impervious to dusty environments, ensuring reliability in various conditions.

O-Ring Options:

- **LCO Proprietary Blend O-Ring (XF1)**
 - **Temperature Range:** -65°C to +150°C
 - **Chemical Compatibility:** Capable of handling hydrate breakers, caustics, and silicone-based inhibitors.
 - **Performance:** Exceptional low-temperature performance.
- **High Temperature FFKM O-Ring (XF2)**
 - **Temperature Range:** -7°C to +230°C
 - **Chemical Resistance:** Approaches PTFE levels while resisting high temperatures.
 - **Performance:** Diminished low-temperature performance.

Material Chemical Compatibility Comparison

V-Packing Material	LCO Proprietary Blend O-Ring	High Temperature FFKM O-Ring
Buna-n (Nitrile)	Superior	Superior
EPDM	Superior	Superior
Fluorosilicone	Preferable	Superior
Viton (FKM)	Preferable	Preferable
Kalrez (FFKM)	Comparable	Equivalent
Teflon (PTFE)	Comparable	Comparable

One N' Done cartridge is capable of outperforming and V-packing regardless of O-Ring selection

Comparing the One N'Done to V-Packings

Features	One N' Done	V-Packing
Compatible with 5100 Series Fluid End	✓	✓
Lifespan	6-12 Months	1-6 Months
Pressure Range	100-6,000 psi	0-3,000 psi common 3,000+ limited options
# Of Pieces	Single Piece	3+ Pieces
Maintenance	None	Frequent Adjustment Required
Lubrication	None	Required
Chemical Applications	Good for All Applications Including Caustics and Acids	Very Application Specific with a Wide Variety of Expensive Options
Technology	Stat-of-the-Art Sealing Technology	Decades Old Technology
Resistant to Foreign Particles	✓	-
Low Friction	✓	-
Low Wear	✓	-
Can Survive Dry Operation	✓	-
Set It and Forget It	✓	-

Conclusion:

The One N' Done Packing is engineered to outperform traditional V-packings in harsh chemical environments, significantly reducing the frequency of adjustments, service, and replacement. This innovative solution represents a leap forward in packing technology, ensuring reliability and efficiency across diverse applications.

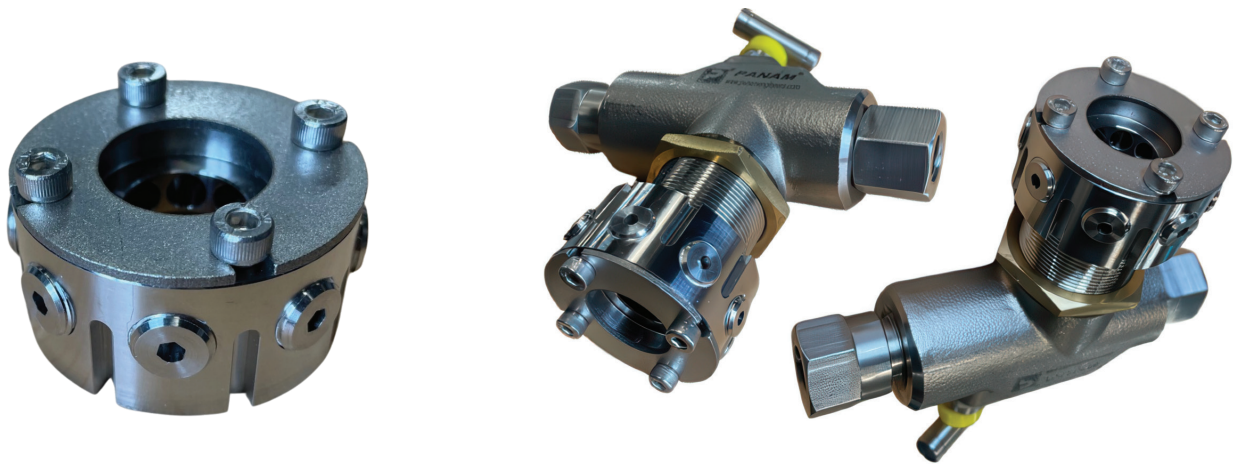
The ChemKeeper

Built-In Secondary Containment

Tired of leaks around your fluid end? Noticed chemical pooling or a drip that won't quit? That's your packing starting to fail and a bigger issue waiting to happen. Our **leakless fluid end** offers **built-in secondary containment** that captures leaks early, keeping your chemical where it should be and your site cleaner and safer.

Smarter Maintenance, Less Downtime

Don't let packing failure slow you down. Downtime is costly, and surprise repairs throw everything off schedule. With LCO's smart containment design, your existing data will tell you when performance shifts, helping you **catch packing wear early** and **plan maintenance** before a failure every hits. Less mess, less stress, more control.



About LCO

LCO Technologies often recognizes industry-wide problems and creates innovative solutions to solve them. Through the innovation & optimization of existing technology, our products offer modern benefits and interaction without the cost and hassle that comes with the replacement of legacy assets

Field Tests Prove It True

Don't just take LCO Technologies' word for it – prominent oil and gas producers in the Grande Prairie are have found success using the **One N' Done** in a 5100 style pump. 4+ Months of Leak-free runtime with no operational issues, customers report it significantly outlasts traditional V packings, reducing the need for repairs.

Call us or request a quote online 24/7
+1 (877) 278-6404 | connect@spartancontrols.com

