

One N' Done O-Ring Choices

LCO Technologies has been working tirelessly to source the best materials for our new product. Unlike V-packings, the One N' Done is manufactured from a highly chemically compatible material, allowing it to suit nearly all applications.

The One N' Done Packing comes with two options for O-rings: our standard Proprietary blend and a High Temperature FFKM blend. These are circumferential, static, non-dynamic seals that do not dramatically affect the performance of the One N' Done packing.



Figure 1 – Pressure Side



Figure 2 – Side Profile



Figure 3 – Non-Pressure Side

LCO Proprietary Blend O-Ring

- ✓ -65°C to +150°C
- ✓ Wide Chemical Compatibility
- ✓ Capable of Handling Hydrate Breakers, Caustics, and Silicone-Based Inhibitors
- ✓ Excellent Low Temperature Performance

High Temperature FFKM O-Ring

- ✓ -7°C to +230°C
- ✓ Compounds Approach PTFE Chemical Resistance While Resisting High Temperatures
- ✓ Limited 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