



**Engineered Systems**

PART OF OPW FLUID TRANSFER GROUP

A DOVER COMPANY

# Kamvalok® Dry Disconnect Couplings

*The Safer, Cleaner, Greener Way To Transfer Your Hazardous Materials*

**The Most Dependable and Widely Used Dry Disconnect on the Market Just Got Better!**

OPW Kamvalok® Dry Disconnect Couplings are considered the standard of the industry. Used at liquid transfer points where product loss could occur, OPW Kamvaloks® provide a reliable solution to prevent spillage during connection or disconnection.

## SAFER

### SST Locking Lever Assembly

Locks in position to prevent accidental opening or closing of valve.

### Autolok™ Locking Arms

Provide added protection with an automatic locking mechanism signaled by a positive click. Release requires only an easy tug on the lock release.

## CLEANER

### Poppeted Seal Cylinder with Snap-on Nose Seal

Provides automatic closure from both directions – the coupler and the adaptor to prevent accidental spills. Nose seal can be easily replaced without need for new seal cylinder.

## GREENER

### Spill Protection

Helps to reduce the hazards involved in the connection/disconnection process of transferring hazardous materials.

### Provides for Total Closed-Loop Loading Capabilities

Keeps hazardous liquids and vapors in-line and out of the environment.

# Kamvalok® 1700DL Dry Disconnect Coupler



2726 Henkle Dr. | Lebanon, OH | 45036

T: 1-800-547-9393 | F: 513-932-9845

[www.opw-es.com](http://www.opw-es.com)



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*The Safer, Cleaner, Greener Way  
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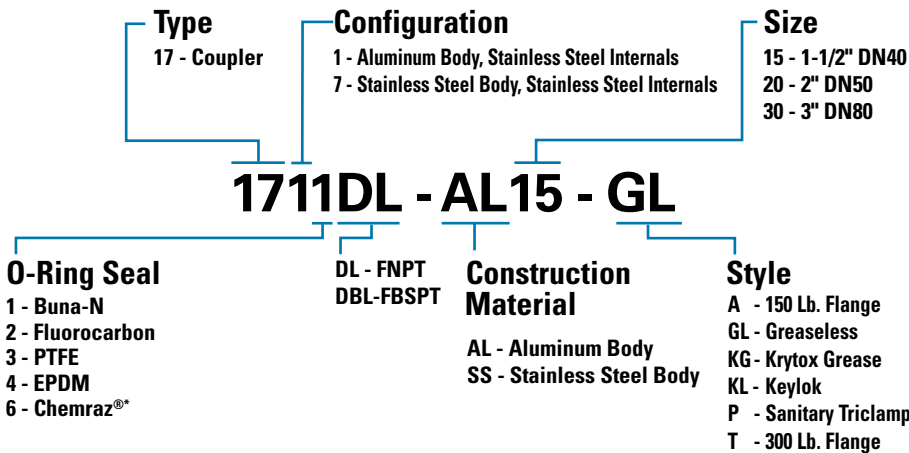
## DESIGN PARAMETERS

<b>Max Design Pressure:</b>	1-1/2" Size - 210 psi, 15 bar
	2" Size - 150 psi, 10.5 bar
	3" Size - 120 psi, 8.5 bar
<b>Temperature Range:</b>	• Buna-N -20° F – 212° F (-29° C – 100° C)
	• Fluorocarbon -20° F – 400° F (-29° C – 204° C)
	• PTFE -15° F – 400° F (-26° C – 204° C)
	• EPDM -50° F – 250° F (-46° C – 121° C)
	• Chemraz® -15° F – 400° F (-26° C – 204° C)

## MATERIALS

<b>Body, Poppet, Seal Cylinder:</b>	Aluminum, Stainless-Steel
<b>Shaft Link, Cam Arms, Poppet Link, Shaft Link:</b>	Stainless-Steel

## SELECTION GUIDE



**1700DL KAMVALOK® DRY DISCONNECT COUPLING**

### Easy-to-Operate Locking Arms

Autolok's™ patented locking mechanism, built into the coupling arms, means you simply snap the locking arms shut with one smooth motion and the coupler stays secure and shut until you unlock it. No clips, pins or buttons.



**Autolok™ arm locked**



**Autolok™ arm unlocked**

\*Chemraz is a registered trademark of Greene-Tweed

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