

# New Kamvalok® Flat-Face Coupler

Reduces up to 85% of  
Fluid Loss at Disconnect



## **Kamvalok® Flat** *Dry-Disconnect Coupler*



## Flat-Out Better Spill Prevention

The new **Kamvalok® Flat** is the next generation of OPW dry-disconnect couplings. We've taken our proven, best-in-class Kamvalok and flattened the connection points. This effectively eliminates all cavities where liquid can pool and subsequently spill upon disconnection.

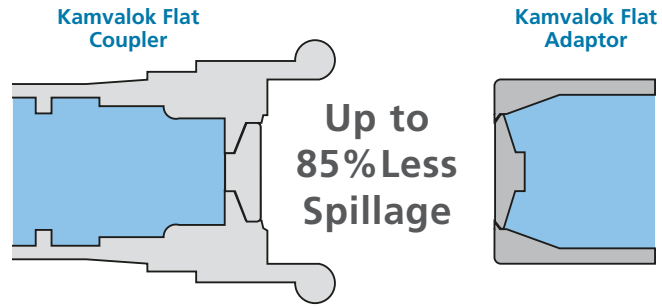
## Features & Benefits:

- Reduce product loss at disconnect by up to 85%
- New patent-pending smooth, flat-face poppets
- Industry-standard locking handle
- Easy to close Autolok™ locking arms
- Automatic locking arms, no pins or buttons
- Vibration-resistant Twin-Kam™ arms

# Kamvalok® Flat

## Dry-Disconnect Coupler Design

Kamvalok Flat reduces product loss at disconnect by **up to 85%** compared to our already high-performing standard Kamvalok.



**Up to  
85% Less  
Spillage**

\*Percentage of fluid loss at disconnect varies depending on the size of the Kamvalok and if it is vertically or horizontally positioned.

### Coupler Ordering Information

<b>Type</b> 17 - Coupler	<b>Configuration</b> 1 - Aluminum Body, Duplex Stainless-Steel Internals 7 - Stainless-Steel Body, Duplex Stainless-Steel Internals	<b>Size</b> 15 - 1-1/2" DN40 20 - 2" DN50 30 - 3" DN80	<b>Style</b> * - Leave blank for FNPT A - 150-lb. Flange GL - Greaseless KL - Keylok T - 300-lb. Flange
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**1711DL - AL15 - GL - FLAT\***

<b>O-Ring Seal</b> 1 - Buna-N 2 - Fluorocarbon 3 - PTFE 4 - EPDM 6 - Chemraz®	<b>DL - FNPT</b> <b>DBL - FBSPT</b>	<b>Construction Material</b> AL - Aluminum Body (ASTM A356-T6 B-26) SS - Stainless-Steel Body (ASTM A351 CF3M 316L)
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**\*Simply add "FLAT" to the end of any standard Kamvalok Coupler Order**

### Adaptor Ordering Information

<b>Type</b> 16 - Adaptor	<b>Configuration</b> 1 - Aluminum Body, Stainless-Steel Internals 7 - Stainless-Steel Body, Stainless-Steel Internals	<b>Size</b> 15 - 1-1/2" FNPT 20 - 2" FNPT 30 - 3" FNPT	<b>Style</b> GL - Greaseless KG - Krytox Grease KL - Keylok P - Sanitary Triclamp
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**1611AN - AL15 - GL - FLAT\***

<b>O-Ring Seal</b> 1 - Buna-N 2 - Fluorocarbon (GFLT) 3 - PTFE / Silicone 4 - EPDM 6 - Chemraz® 7 - PTFE / Fluorocarbon	<b>Connection</b> ANF - 150 lb. Flange AN - Female NPT ANFT - 300 lb. Flange ABN - Female BSPT	<b>Construction Material</b> AL - Aluminum Body SS - Stainless-Steel Body
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**\*Simply add "FLAT" to the end of any standard Kamvalok Adaptor Order**

### Design Parameters

<b>Max Design Pressure</b>	1-1/2" Size - 210 psig (15 bar) 2" Size - 150 psig (10.5 bar) 3" Size - 120 psig (8.5 bar)
<b>Temperature Range</b>	<ul style="list-style-type: none"> <li>Buna-N -20°F – 212°F (-29°C – 100°C)</li> <li>Fluorocarbon -20°F – 400°F (-29°C – 204°C)</li> <li>PTFE Encapsulated Silicone -15°F – 400°F (-26°C – 204°C)</li> <li>EPDM -50°F – 250°F (-46°C – 121°C)</li> <li>Chemraz** -15°F – 400°F (-26°C – 204°C)</li> </ul>

\*Chemraz is a registered trademark of Greene-Tweed

### Materials

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