# **1600AN**

The 1600AN Series Adaptor is specifically designed to mate with OPW Kamvalok® Couplings to help prevent liquid spillage during the connection/disconnection process. The adaptor contains a spring-loaded poppet to assure fast closing and tight seal.

## **Benefits**

- Single Piece Design Eliminates a possible leak path
- Spill Prevention Poppet-actuated design can only be opened with a <sup>®</sup> coupling; designed to provide a tight seal when closed.
- Reliability of Operation The simple spring-loaded poppet design and heavy-duty construction provide for reliable, long-life operation.
- Optimum Flow Rate Even flow and low pressure drop are achieved by a built-in deflector that reduces turbulence.

### **Features**

- Heavy-Duty Construction Available in aluminum, and 316 stainless steel construction.
- Female Threads Can be fitted to either a male pipe end or to a hose fitting.
- Flanged End Available for specific operations, including in-plant and transportation.
- Spring-Loaded Poppet Design Assures fast closing and tight seal.
- Wide Range of Seals Available in Buna-N, Viton<sup>®</sup>, Teflon<sup>®</sup>, EPT, Chemraz<sup>®</sup>.



#### Dimensions



SIZE	IN INCHES	(Nominal)	
	1 1/2"	2"	3"
Α	4-3/4"	4-15/16"	6-17/32"
В	2-1/2"	3-1/4"	4-1/2"
С	1-1/2"	2"	3"
D	2-21/32"	3-1/4"	4-7/8"

## SIZE IN INCHES (Nominal)



		2"	
Α	Overall Length	4-1/4"	
B	Diameter of Bolt Holes	9/16"	
С	Bolt Circle	4-1/2"	
D	Square Flange	4-1/4	

# **Ordering Specifications**

#### **Stainless Steel Adaptors - Female NPT**

Prod. No.	Size/Description
1671AN-SS15	1-1/2" Buna Seal, Stainless Steel
1671AN-SS20	2" Buna Seal, Stainless Steel
1671AN-SS30	3" Buna Seal, Stainless Steel
1672AN-SS15	1-1/2" Viton <sup>®</sup> Seal, Stainless Steel
1672AN-SS20	2" Viton <sup>®</sup> Seal, Stainless Steel
1672AN-SS30	3" Viton <sup>®</sup> Seal, Stainless Steel
1673AN-SS15	1-1/2" Teflon® Silicone Seal, Stainless Steel
1673AN-SS20	2" Teflon® Silicone Seal, Stainless Steel
1673AN-SS30	3" Teflon <sup>®</sup> Silicone Seal, Stainless Steel
1674AN-SS15	1-1/2" EPT Seal, Stainless Steel
1674AN-SS20	2" EPT Seal, Stainless Steel
1674AN-SS30	3" EPT Seal, Stainless Steel
1676AN-SS15	1-1/2" Chemraz® Seal, Stainless Steel
1676AN-SS20	2" Chemraz® Seal, Stainless Steel
1676AN-SS30	3" Chemraz® Seal, Stainless Steel
1677AN-SS15	1-1/2" Teflon®-Viton® Seal, Stainless Steel
1677AN-SS20	2" Teflon®-Viton® Seal, Stainless Steel
1677AN-SS30	3" Teflon®-Viton® Seal, Stainless Steel
1679AN-SS15	1-1/2" Viton®-B Seal, Stainless Steel
1679AN-SS20	2" Viton®-B Seal, Stainless Steel
1679AN-SS30	3" Viton®-B Seal, Stainless Steel

#### **Aluminum Adaptors - Female NPT**

Prod. No.	Size/Description
1611AN-AL15	1-1/2" Buna Seal, Alum. & Stainless Steel
1611AN-AL20	2" Buna Seal, Alum. & Stainless Steel
1611AN-AL30	3" Buna Seal, Alum. & Stainless Steel
1612AN-AL15	1-1/2" Viton® Seal, Alum. & Stainless Steel
1612AN-AL20	2" Viton® Seal, Alum. & Stainless Steel
1612AN-AL30	3" Viton® Seal, Alum. & Stainless Steel
1612A-AL07	3/4" Viton® Seal, Alum. & Stainless Steel
1613AN-AL15	1-1/2" Teflon <sup>®</sup> Seal, Alum. & Stainless Steel
1613AN-AL20	2" Teflon <sup>®</sup> Seal, Alum. & Stainless Steel
1613AN-AL30	3" Teflon® Seal, Alum. & Stainless Steel
1614AN-AL15	1-1/2" EPT Seal, Alum. & Stainless Steel
1614AN-AL20	2" EPT Seal, Alum. & Stainless Steel
1614AN-AL30	3" EPT Seal, Alum. & Stainless Steel
1616AN-AL15	1-1/2" Chemraz® Seal, Alum. & Stainless Steel
1616AN-AL20	2" Chemraz <sup>®</sup> Seal, Alum. & Stainless Steel
1616AN-AL30	3" Chemraz <sup>®</sup> Seal, Alum. & Stainless Steel
1619A-AL07	3/4" Viton®-B Seal, Alum.
1619AN-AL15	1-1/2" Viton®-B Seal, Alum.
1619AN-AL20	2" Viton®-B Seal, Alum.
1619AN-AL30	3" Viton®-B Seal, Alum.

