

1700ESL Kamvalok[®] Coupler

OPW Transport Series Dry Disconnect Couplings are considered the standard of the industry. For use on multi-compartment petroleum, solvent and chemical product delivery trucks with an on-board pumping unit.

BENEFITS

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.

Dual Protection – Poppeted seal cylinder design provides automatic closure from both directions – the coupler and the adaptor – to avoid accidental spills.

Autolok™ Locking Arms – Provide added protection with an automatic locking mechanism signaled by a positive click. Uncoupling requires only an easy tug on the lock release.

SST Locking Lever Assembly – Locks in position to prevent accidental opening or closing of valve.

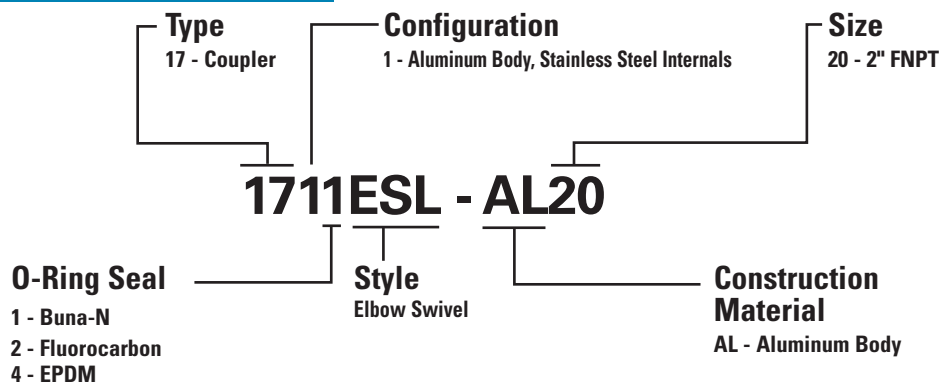
Ease of Use – Built-in elbow swivel and simple connection and disconnection design provides freedom of movement and smooth operation.



1700ESL
 Transport Series
 Dry Disconnect
 Couplings

New Locking Lever Style

ORDERING GUIDE



CUSTOMER SERVICE

Call OPW
 Customer Service at
 800-547-9393 for
 complete ordering
 information.



DESIGN PARAMETERS

Design Standard	Size	ASME B31.3
Max. Design Temp	2"	200° F (93° C)
Min. Design Temp	2"	-20° F (-29° C)
Max. Design Pressure	2"	150 PSI (10.5 BAR)

1711ES & 1712ES SERIES COUPLERS

OPW Transport Series Dry Disconnect Couplers are used on multi-compartment petroleum, solvent and chemical product delivery trucks with an on-board pumping unit.

Benefits

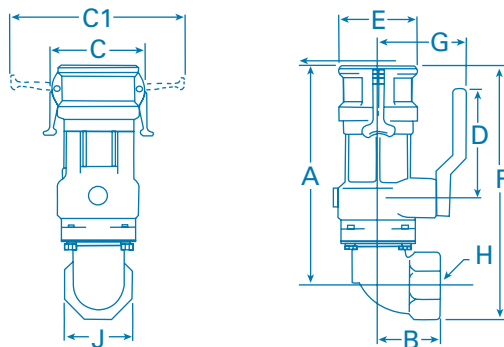
- **Spill Protection** – Helps to reduce the hazard potential of spilled liquid during the connection/disconnection process. Special automatic shut-off design minimizes product loss in the event of an accidental disconnection.
- **Ease Of Use** – The built-in elbow/swivel design provides freedom of movement when used with a hose on tank trucks.

Features

- **Built-In Elbow/Swivel** – Provides freedom of movement when used with a hose on tank trucks.
- **Swivel** - 2" female NPT.
- **Poppeted Adaptor and Coupler** – Closes both ends of process during routine disconnect.
- **Built-In Valve** – For reliability of functionality. No additional valves required.
- **Quick Disconnect Cam and Groove Design** – Provides for smooth, easy connection/disconnection action.
- **360° Orientation** – The coupling can be connected in any orientation onto the adaptor.
- **Automatic Shut-Off Device** – Minimizes product loss in the event of accidental disconnection.
- **Lever Actuation** – For easy open/closing.
- **Manufactured in compliance with the highest quality standards of design, material, and construction.**
- **Available in Aluminum Plated Steel Internals with Buna-N Seals or Viton®.**



Older Non-locking Style - Still Available
This Coupler is a bit shorter than the newer locking handle coupler.



Dimensions

SIZE IN INCHES (Nominal)	2"
A Top of Body to Centerline of Elbow	9-9/16"
B Centerline of Elbow to End of Elbow	2-3/4"
C Distance across Cam Arms when closed	4-3/8"
C1 Distance across Cam Arms when open	8"
D Centerline of Stem to end of Lever	4-5/8"
E Diameter of Coupler End	3-33/64"
F Length of Unit	11-3/16"
G Centerline of Coupler to outside of Lever	3-5/8"
H Pipe Thread (NPT)	2"
J Distance across Flats of Octagon	3"

Ordering Specifications

PRODUCT NO.	PRODUCT	SIZE	CONSTRUCTION	SEALS
1711ES-0200	90° Elbow/Swivel Coupler	2"	Aluminum, Acetal	Buna-N
1712ES-0200	90° Elbow/Swivel Coupler	2"	Aluminum, Acetal	Viton®