

## STRAUB OPEN-FLEX 1L COUPLING



\* Referential image

\*\* Some features may vary without prior notice. Sale subject to inventory availability

DATE

: 07/08/2026 02:56 AM

SKU

: 25500

BRAND

: DIXON VALVE

MODEL

: STR35901

### Applications:

Suitable for repairing or joining pipes where access to the pipe end is difficult or not possible. The unique wrap-around design differs from similar type repair products because the installation or repair is permanent due to the unique flexible lip seal gasket design. Open-Flex couplings will also act as an expansion joint. Straub Open-Flex couplings do require the pipes to be properly anchored and restrained as they are not pull-out resistant like the Straub Grip-L couplings. Use Straub Open-Flex couplings to replace bolted sleeve type couplings (AWWA Stc. C-219) or for permanent repairs or installation.

### Use:

Joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper

Use with assembly tool: STR6648

### Specifications:

Built to ASTM 1476, Type C, Class 2 specifications

American Bureau of Shipping (ABS) up to 232 PSI

Underwriter's Laboratories

National Sanitation Foundation

### Features:

Accommodates up to 5° of pipe misalignment

Vary gap between pipe ends

Absorbs vibration, water hammer and sound

Special patented grip ring for superior holding power on hard-surfaced pipes

5 year limited warranty

Reusable

### Construction:

Highest quality 316 Ti stainless steel construction

EPDM sealing sleeve standard, temperature range of -4°F to 176°F

Casing: AISI 316 Ti

Screws: AISI 4135 steel

Bolts: AISI 12L 14 Galvanized

**Installation**

Requires no special tools or pipe-end preparation; only a torque wrench is required for a secure and safe pipe connection that seldom needs retightening.

**Safety notes:**

Not pull-out resistant.

Ensure that pipes are properly anchored and supported.

WARNING: Cancer and Reproductive Harm- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**TECHNICAL SPECIFICATIONS**

<b>Factory Part Number</b>	STR35901
<b>Material</b>	Stainless Steel
<b>Pipe OD</b>	5.56"
<b>Range</b>	5.49" to 5.57"
<b>Size</b>	5"
<b>Temperature Range</b>	-4°F to 176°F (-20°C to 80°C)
<b>Weight Lb</b>	3.2000
<b>Working Pressure</b>	232 PSI