

STRAUB OPEN-FLEX 1L COUPLING



* Referential image

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

DATE

: 05/21/2026 04:09 PM

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

TECHNICAL SPECIFICATIONS

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