

## Straub Open-Flex 1L Couplings

### Applications:

- Straub Open-Flex 1L couplings are suitable for repairing or joining pipes where access to the pipe end is difficult or impossible. This 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 Std. C-219) or for permanent repairs or installation.

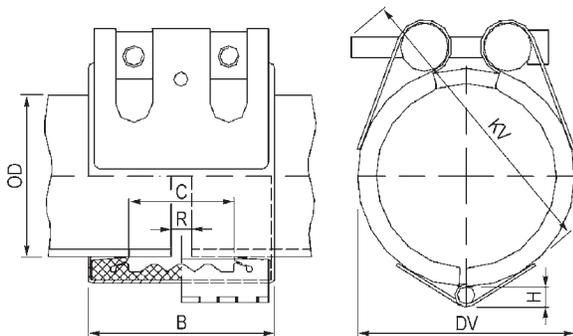
### Features:

- Joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper
- 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.
- highest quality 316 Ti stainless steel construction
- accommodates up to 5° of pipe misalignment
- vary gap between pipe ends
- absorbs vibration, water hammer, and sound
- acts as an expansion joint; will accept up to .25" of axial movement
- 5 year limited warranty
- reusable

- conforms to ASTM 1476, Type 2, Class 3 specifications
- casing: AISI 316Ti
- screws: AISI 4135 steel
- bolts: AISI 12L 14 galvanized
- EPDM sealing sleeve: temperature range - 4°F to 176°F (-20°C to 80°C)

### Specifications:

- American Bureau of Shipping (ABS) up to 232 PSI
- Underwriter's Laboratories (UL)
- National Sanitation Foundation (NSF)



Size	Pipe OD		Working Pressure PSI	Coupling Dimensions			Assembled Dimensions		Max. Distance Between Pipe End R	Weight (lbs.)	Stainless Steel	
	actual	range min to max		B	C	H	DV	KV			Part #	Price/E
1½"	1.90"	1.85" to 1.95"	363	3.0"	1.4"	.28	2.8"	3.3"	.20"	1.10	<b>STR35001</b>	<b>\$268.95</b>
2"	2.38"	2.32" to 2.42"	232	3.0"	1.4"	.28	3.2"	3.7"	.20"	1.34	<b>STR35151</b>	<b>284.95</b>
2½"	2.88"	2.81" to 2.93"	232	3.0"	1.4"	.36	3.2"	3.7"	.20"	1.80	<b>STR35201</b>	<b>310.00</b>
3"	3.50"	3.44" to 3.56"	232	3.7"	2.0"	.36	4.4"	4.9"	.20"	2.10	<b>STR35351</b>	<b>324.95</b>
4"	4.50"	4.43" to 4.57"	232	3.7"	2.0"	.36	5.4"	5.9"	.20"	2.33	<b>STR35651</b>	<b>343.65</b>
5"	5.56"	5.49" to 5.57"	232	4.2"	2.4"	.38	6.4"	7.1"	.20"	3.20	<b>STR35901</b>	<b>433.80</b>
6"	6.63"	6.54" to 6.71"	232	4.2"	2.4"	.38	7.5"	8.1"	.20"	3.70	<b>STR36051</b>	<b>464.80</b>



*Not pull-out resistant.*

Ensure that pipes are properly anchored and supported.

Assembly tool: **STR6648**, \$348.55

