

Straub Open-Flex 1L Couplings

Application

- Suitable for repairing or joining pipes where access to the pipe end is difficult or impossible

Features

- Use to replace bolted sleeve type couplings (AWWA Std. C-219) or for permanent repairs or installation
- 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
- 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
- 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

Materials

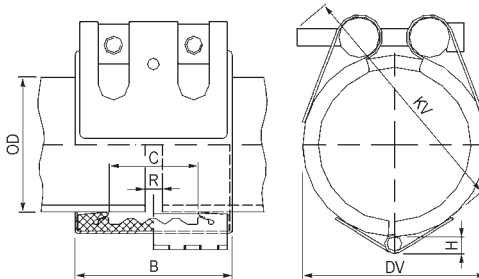
- Casing: AISI 316Ti; screws: AISI 4135 steel; bolts: AISI 12L 14 galvanized

Specifications

- EPDM sealing sleeve temperature range: - 4°F to 176°F (-20°C to 80°C)
- American Bureau of Shipping (ABS) up to 232 PSI

Approvals

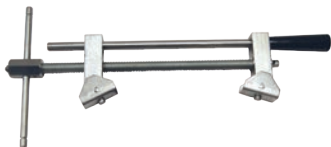
- Underwriters' Laboratories (UL)
- National Sanitation Foundation (NSF)
- Conforms to ASTM 1476, Type 2, Class 3 specifications



Size	Pipe O.D. Range		Working Pressure PSI	Coupling Dimensions			Assembled Dimensions		Maximum Distance Between Pipe End R	316 Ti Stainless Steel Part #
	actual	min to max		B	C	H	DV	KV		
1-1/2"	1.90"	1.85" to 1.95"	363	3.0"	1.4"	.28"	2.8"	3.3"	.20"	STR35001
2"	2.38"	2.32" to 2.42"	232	3.0"	1.4"	.28"	3.2"	3.7"	.20"	STR35151
2-1/2"	2.88"	2.81" to 2.93"	232	3.0"	1.4"	.36"	3.2"	3.7"	.20"	STR35201
3"	3.50"	3.44" to 3.56"	232	3.7"	2.0"	.36"	4.4"	4.9"	.20"	STR35351
4"	4.50"	4.43" to 4.57"	232	3.7"	2.0"	.36"	5.4"	5.9"	.20"	STR35651
5"	5.56"	5.49" to 5.57"	232	4.2"	2.4"	.38"	6.4"	7.1"	.20"	STR35901
6"	6.63"	6.54" to 6.71"	232	4.2"	2.4"	.38"	7.5"	8.1"	.20"	STR36051

⚠ NOTE: Not pull-out resistant. Ensure that pipes are properly anchored and supported.

Assembly Tool



Part #

STR6648