Straub Open-Flex 1L Couplings

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

Features
• 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
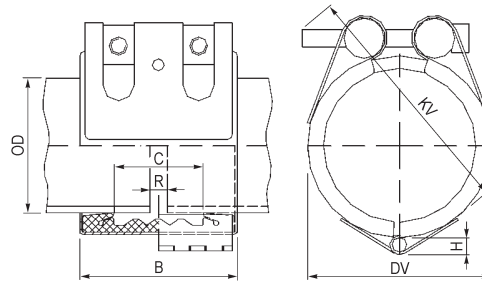• Reusable

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

Specifications
• EPDM sealing sleeve temperature range: **- 4°F** to **212°F (-20°C** to **100°C)**
Maximum temperature limit is 212°F (100°C) with EPDM gasket Material. Higher temperature limits may be allowed subject to specific factory approval. For specific chemical recommendations, please contact Dixon®

Approvals
• 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	DV		
1-1/2"	1.90"	1.85" to 1.95"	**363**	3.0"	1.4"	2.8"	.20"	STR35001
2"	2.38"	2.32" to 2.42"	**232**	3.0"	1.4"	3.2"	.20"	STR35151
2-1/2"	2.88"	2.81" to 2.93"	**232**	3.0"	1.4"	3.2"	.20"	STR35201
3"	3.50"	3.44" to 3.56"	**232**	3.7"	2.0"	4.4"	.20"	STR35351
4"	4.50"	4.43" to 4.57"	**232**	3.7"	2.0"	5.4"	.20"	STR35651
5"	5.50"	5.45" to 5.57"	**232**	4.2"	2.4"	6.4"	.20"	STR35901
6"	6.63"	6.54" to 6.71"	**232**	4.2"	2.4"	7.5"	.20"	STR36051

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

Assembly Tool

Part #
STR6648