

Object **Control railcars, low-floor coaches**

Project	Fast light Innovative Regional Train (FLIRT), French National Railways (SNCF), Swiss Federal Railways (SBB) Zermatt Bahn (BVZ) Jungfraubahn (JB)
Place	STADLER Bussnang AG
Date of installation	2002/ 2003
Building Authority	SBB, SNCF, BVZ, JB
Design	STADLER/ Bombardier/ ADtranz
Building Contractor	STADLER/ Bombardier/ ADtranz

Typ of line	Oil cooling Shell Diala D	
Product	STRAUB-FLEX	STRAUB-METAL-GRIP
Diameter Ø	76.1/ 88.9 mm	33.7-114.3mm
Sealing sleeve	Fluorsilikon	EPDM
Casing	1.4571	1.4301
Look parts	<input type="checkbox"/> Stainless steel <input checked="" type="checkbox"/> galvanized	<input type="checkbox"/> Stainless steel <input checked="" type="checkbox"/> galvanized
Operating pressure	3 bar	3 bar
Test pressure	5 bar	5 bar
Remarks	-20° up to 120°C	

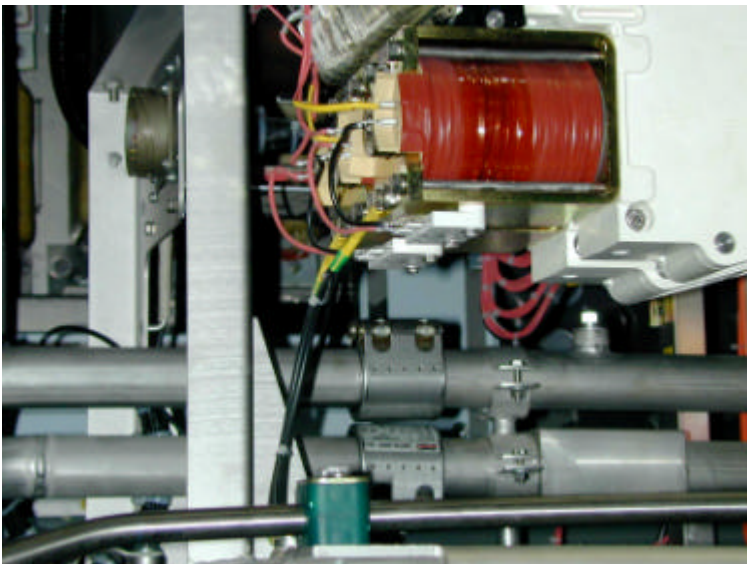
Situation:	Temperatur and chemical resistance with high damping properties
Solution:	STRAUB-FLEX with fluorine-silicone gasket and strip insert.
Customer benefits:	<ul style="list-style-type: none"> - Dampens vibrations and structure-borne noise - Rapid fitting and disassembly - High fitting tolerances - Cost- and space-saving pipe joint - High flexibility



A joint venture of tradition and know how



External stainless steel pipe system between tractor and coaches



Oil cooling systems
SHELL Diala D (90°C)
STRAUB-FLEX 88.9 mm FMVQ



Oil conditioning for frequency converter
water/ Glycole (Antifogen N, 60°C)
STRAUB-METAL-GRIP 60.3 mm, EPDM