

STRAUB Pipe coupling Series: Open-Flex1 Type: 5531 Repair coupling Stainless steel/NBR

Repair couplings for all pipe materials. Can also be used as a non-tensile pipe coupling. Depending on the opening, the couplings support a bending angle of 2° to 5° and axial movement of 5 mm. When installing, the locking screws must be tightened to the correct torque. The torque is specified on the coupling.

Field of application

- Water distribution
- Gas pipelines
- Cooling water

Features

- Repair coupling
- Suitable for both plastic and metal pipes
- Hinged pipe coupling

Characteristics

Series: Open-Flex1

Type: 5531

Shape: Repair coupling

Housing material: Stainless steel

Material quality: 1.4571

Sleeve material: NBR

Material bolts: Steel

Suitable for pipe material: Metal/plastic

Suitable for plastic to metal: No

AD			PN	B	C	DV	KV	Rmax.		Weight
nom.	min.	max.						without	with	
								inlay strip	inlay strip	
[mm]	mm	mm	[bar]	[mm]	mm	mm	[mm]	mm	mm	[kg]
48,3	47	49,5	16	75	35	70	85	5	15	0,52
54	52,5	55,5	16	75	35	76	90	5	15	0,55
57	55,5	58,5	16	75	35	79	95	5	15	0,57
60,3	59	61,5	16	75	35	82	95	5	15	0,61
73	71,5	74,5	16	94	51	95	110	5	25	0,8
76,1	74,5	77,5	16	94	51	98	115	5	25	0,84
84	82,5	85,5	16	94	51	106	120	5	25	0,9
88,9	87,5	90,5	16	94	51	111	125	5	25	0,95
100,6	99	102,5	16	94	51	123	140	5	25	0,98
101,6	100	103,5	16	94	51	124	140	5	25	0,98
104	102,5	105,5	16	94	51	126	140	5	25	0,98
104,8	103	106,5	16	94	51	127	140	5	25	0,98

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

AD			PN	B	C	DV	KV	Rmax.		Weight
108	106,5	109,5	16	94	51	130	145	5	25	1,03
114,3	112,5	116	16	94	51	136	150	5	25	1,06
127	125	129	16	107	62	149	165	5	35	1,37
129	127	131	16	107	62	151	165	5	35	1,37
130,2	128,5	132	16	107	62	152	165	5	35	1,37
133	131	135	16	107	62	155	170	5	35	1,41
139,7	138	141,5	16	107	62	162	175	5	35	1,42
141,3	139,5	143	16	107	62	163	180	5	35	1,42
154	152	156	16	107	62	176	190	5	35	1,48
159	157	161	16	107	62	181	195	5	35	1,52
168,3	166	170,5	16	107	62	190	205	5	35	1,66

Material	Min. temp.[°C]	Max. temp.[°C]
EPDM	-20	100
NBR	-20	80

External tube diameter of connection	External tube diameter of connection 2	Pressure rating	Pressure rating Industry	Pressure rating Maritime	Length	Minimum medium temperature (continuous) °C	Maximum medium temperature (continuous) °C	Article
mm	mm				mm			
48.3	48.3	PN16	PN25	PN16	75	-20	80	11813730
54	54	PN16	PN25	PN16	75	-20	80	11813731
57	57	PN16	PN25	PN16	75	-20	80	11813732
60.3	60.3	PN16	PN25	PN16	75	-20	80	11813733
76.1	76.1	PN16	PN25	PN16	94	-20	80	11813734
88.9	88.9	PN16	PN25	PN16	94	-20	80	11813735
114.3	114.3	PN16	PN20	PN16	94	-20	80	11813738
139.7	139.7	PN16	PN16	PN16	107	-20	80	11813740
168.3	168.3	PN16	PN16	PN16	107	-20	80	11813742

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.