



STRAUB Pipe coupling Series: Flex1 Type: 5523 Non pull-resistant Stainless steel/EPDM

Non-tensile pipe couplings for all pipe materials. 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

- Flexible pipe coupling
- Suitable for both plastic and metal pipes
- Compensation of changes in length

Characteristics

Series: Flex1

Type: 5523

Shape: Non pull-resistant

Housing material: Stainless steel

Material quality: 1.4571

Sleeve material: EPDM

Material bolts: Steel

Suitable for pipe material: Metal/plastic

Suitable for plastic to metal: No

AD			PN	B	C	DV	KV	Rmax.		Gewicht
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

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AD			PN	B	C	DV	KV	Rmax.		Gewicht
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)	Maximum medium temperature (continuous)	Article
mm	mm				mm	°C	°C	
48.3	48.3	PN16	PN25	PN16	75	-20	100	11813690
54	54	PN16	PN25	PN16	75	-20	100	11813691
60.3	60.3	PN16	PN25	PN16	75	-20	100	11813693
84	84	PN16	PN25	PN16	94	-20	100	11813694
88.9	88.9	PN16	PN25	PN16	94	-20	100	11813695
104	104	PN16	PN20	PN16	94	-20	100	11813696
108	108	PN16	PN20	PN16	94	-20	100	11813697
114.3	114.3	PN16	PN20	PN16	94	-20	100	11813698
139.7	139.7	PN16	PN16	PN16	107	-20	100	11813700
159	159	PN16	PN16	PN16	107	-20	100	11813701
168.3	168.3	PN16	PN16	PN16	107	-20	100	11813702

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