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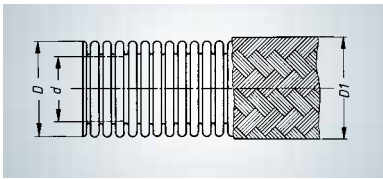
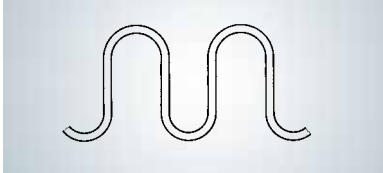
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ANNULARLY CORRUGATED HEAVY-DUTY VERSION, STANDARD CORRUGATIONS

Type RS 430 (DN 20 - 300)

Standard corrugation, increased wall thickness

Type RS 430



Design

Annularly corrugated hose made of butt-welded pipe, hydraulically shaped

Versions

- RS 430 S00 without braid
- RS 430 S12 with single braiding
- RS 430 S22 with double braiding
- RS 430 S42 with single braiding, knurled
- RS 430 S52 with double braiding, knurled
- RS 430 S92 with double special braiding

Maximum production length

DN 20 - 125 10 m
DN 150 - 300 3 m

Longer hose assemblies can be produced from component parts on request.

Standard materials

- Annularly corrugated hose 1.4404 or 1.4541
 - Braiding, standard 1.4301, knurled 1.4306
- Other materials are available on request.

DN	Type	Inside diameter	Outside diameter	Permissible deviation	Minimum bending radius single bend	Nominal bending radius frequent movements	Permissible static operating pressure at 20 °C SF4	Nominal pressure DIN EN ISO 10380 SF4	Weight approx.
-	-	d	D, D1	d, D, D1	r _{min}	r _n	P _{perm}	PN	-
-	-	mm	mm	mm	mm	mm	bar	-	kg/m
20	RS430S00	20.2	29.2	±0.3	45	285	6	6	0.54
	RS430S12		31.2		70		90	65	0.93
	RS430S22		33.2		70		125	100	1.31
25	RS430S00	25.2	34.2	±0.3	50	325	6	6	0.65
	RS430S12		36.2		85		65	50	1.07
	RS430S22		38.2		85		100	100	1.49
32	RS430S00	33.7	42.7	±0.3	60	380	4	4	0.77
	RS430S12		45.0		105		65	65	1.41
	RS430S22		47.2		105		80	80	2.05
40	RS430S00	40.0	55.0	±0.4	75	430	2.5	2.5	1.37
	RS430S12		57.3		130		40	40	2.09
	RS430S22		59.5		130		65	65	2.81
50	RS430S00	50.0	65.0	±0.4	90	490	2.5	2.5	1.61
	RS430S12		68.2		160		50	50	2.91
	RS430S22		71.3		160		80	65	4.15
65	RS430S00	65.0	81.0	±0.4	110	580	0.5	0.5	2.06
	RS430S12		84.2		200		35	25	3.46
	RS430S22		87.3		200		50	50	4.89
80	RS430S00	79.8	98.3	±0.5	135	800	0.5	0.5	2.82
	RS430S12		101.5		240		25	16	4.65
	RS430S22		104.6		240		50	25	6.46
100	RS430S00	99.8	117.8	±0.5	160	1000	0.5	0.5	3.59
	RS430S12		121.0		290		30	10	5.97
	RS430S22		124.1		290		40	16	8.25

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-	-	d	D, D1	d, D, D1	r_{min}	r_n	P_{perm}	PN	-
-	-	mm	mm	mm	mm	mm	bar	-	kg/m
125	RS430S00	125.6	146.0	±0.6	350	1250	0.5	0.5	5.23
	RS430S12		149.2				16	10	7.80
	RS430S22		152.4				30	16	10.30
150	RS430S00	151.9	177.4	±1.4	400	800	0.2	-	4.97
	RS430S12		180.6				6	6	8.10
	RS430S42		181.4				10	10	8.27
	RS430S22		183.7				12	10	11.20
	RS430S92		184.6				16	16	11.37
200	RS430S00	202.2	231.4	±1.6	520	1100	0.2	-	7.92
	RS430S12		235.0				6	6	12.32
	RS430S42		236.9				10	10	12.42
	RS430S22		238.5				12	10	16.72
	RS430S92		239.7				16	16	16.82
	RS430S52		242.4				16	16	16.92
250	RS430S00	248.4	284.2		620	1350	0.2	-	13.0
	RS430S42		289.7				8	6	17.96
	RS430S52		295.2				12	10	22.96
300	RS430S00	298.6	335.8		1000	1600	0.1	-	17.20
	RS430S42		341.3				4	4	23.03
	RS430S52		346.8				6	6	28.83