

KLAUS SIEPMANN

Schlauchfabrikation
Industrieschlauchtechnik



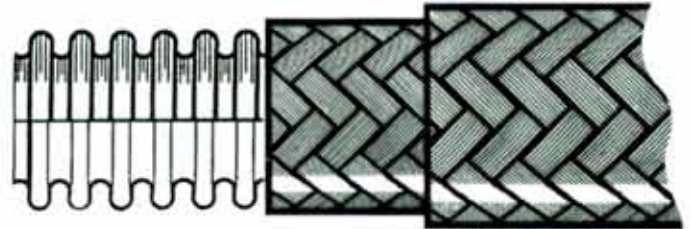
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B-FLEX

Stainless Steel Annular Convoluted Hose.

A close pitch hose with a high degree of flexibility suitable for most applications and normally supplied.



Convoluted
Hose Core

Single
Braid

Double
Braid

BRAID

Single or double layers of Stainless Steel braid prevent elongation of the convoluted hose and increase the working pressures that the hose can accommodate.

NW / DN	bar / Betr.-druck	bar / Prüfdruck	bar / Berstdruck	Biegeradius	Aussen ø	Gewicht		
6 1/4	10 145	15 220	40 580	100 4.0	13.0 0.50	0.17 0.11	ASB/40	●
	140 2030	210 3045	560 8120	100 4.0	15.0 0.60	0.28 0.19	ASB/41	▲
	250 3625	375 5440	1000 14500	100 4.0	17.5 0.68	0.40 0.27	ASB/42	■
10 3/8	10 145	15 220	40 580	125 5.0	16.5 0.65	0.24 0.16	ASB/60	●
	100 1450	150 2175	400 5800	125 5.0	18.0 0.71	0.39 0.26	ASB/61	▲
	180 2610	270 3915	720 10440	125 5.0	20.5 0.81	0.56 0.38	ASB/62	■
12 1/2	5 75	7.5 110	20 290	125 5.0	21.5 0.85	0.31 0.21	ASB/80	●
	90 1305	135 1960	360 5220	125 5.0	23.0 0.90	0.50 0.34	ASB/81	▲
	160 2320	240 3480	640 9280	125 5.0	25.5 1.00	0.71 0.48	ASB/82	■
16 5/8	5 75	7 105	20 290	150 6.0	26.5 1.04	0.35 0.23	ASB/100	●
	65 940	97 1410	260 3770	150 6.0	28.0 1.10	0.55 0.37	ASB/101	▲
	120 1740	180 2610	480 6960	150 6.0	30.0 1.18	0.75 0.50	ASB/102	■
20 3/4	4 60	6 90	16 230	150 6.0	28.5 1.10	0.37 0.25	ASB/120	●
	55 800	83 1200	220 3200	150 6.0	31.5 1.24	0.62 0.42	ASB/121	▲
	93 1350	140 2030	372 5400	150 6.0	34.5 1.36	0.90 0.60	ASB/122	■
25 1	4 60	6 90	16 230	175 7.0	36.0 1.40	0.48 0.32	ASB/160	●
	48 700	72 1050	192 2780	175 7.0	37.5 1.50	0.80 0.53	ASB/161	▲
	77 1120	115 1670	308 4470	175 7.0	40.5 1.60	1.13 0.75	ASB/162	■
32 1 1/4	3 43	4.5 65	12 170	200 8.0	43.5 1.70	0.65 0.45	ASB/200	●
	38 550	57 825	152 2200	200 8.0	47.0 1.85	1.15 0.78	ASB/201	▲
	62 900	93 1350	248 3600	200 8.0	51.0 2.00	1.70 1.15	ASB/202	■
40 1 1/2	2 29	3 43	8 120	250 10	53.0 2.10	0.85 0.57	ASB/240	●
	34 490	51 740	136 1970	250 10	56.5 2.20	1.50 1.00	ASB/241	▲
	46 670	69 1000	184 2670	250 10	60.0 2.35	2.20 1.50	ASB/242	■
50 2	1 14	1.5 22	4 60	350 14	67.5 2.65	1.25 0.84	ASB/320	●
	31 450	46 670	124 1800	350 14	71.0 2.80	2.10 1.40	ASB/321	▲
	43 625	64 930	172 2500	350 14	75.0 2.95	3.05 2.05	ASB/322	■
65 2 1/2	1 14	1.5 22	4 60	500 20	81.5 3.20	1.55 1.03	ASB/400	●
	27 390	40 580	108 1570	500 20	86.5 3.40	2.65 1.78	ASB/401	▲
	37 540	56 810	148 2150	500 20	91.0 3.60	3.90 2.60	ASB/402	■
80 3	1 14	1.5 22	4 60	525 21	96 3.80	1.80 1.20	ASB/480	●
	24 350	36 520	96 1400	525 21	100 3.95	3.13 2.10	ASB/481	▲
	34 490	51 740	136 1980	525 21	105 4.10	4.55 3.05	ASB/482	■
100 4	0.7 10	1.1 16	3 43	625 25	124 4.90	2.40 1.60	ASB/640	●
	15 215	22 320	60 870	625 25	130 5.10	4.15 2.77	ASB/641	▲
	18 260	27 400	72 1050	625 25	136 5.35	6.05 4.05	ASB/642	■
125 5	0.7 10	1.1 16	3 43	750 30	154 6.05	3.90 2.60	ASB/800	●
	14 200	21 305	56 810	750 30	159 6.25	6.40 4.28	ASB/801	▲
	17 250	25 360	68 990	750 30	165 6.50	9.10 6.12	ASB/802	■
150 6	0.5 7	0.75 11	2 29	900 36	178 7.00	4.50 3.10	ASB/960	●
	9 130	14 200	36 520	900 36	183 7.20	7.85 5.25	ASB/961	▲
	14 200	21 305	56 810	900 36	188 7.40	11.5 7.70	ASB/962	■
200 8	0.3 4	0.45 6	1.2 17	1020 40	234 9.20	6.0 4.02	ASB/1280	●
	8 120	12 170	32 460	1020 40	241 9.50	10.5 7.04	ASB/1281	▲
	14 200	21 305	56 810	1020 40	246 9.70	15.5 10.4	ASB/1282	■
250 10	0.25 3	0.36 5	1 14	1220 48	286 11.25	7.50 5.00	ASB/1600	●
	6 90	9 130	24 350	1220 48	290 11.40	12.50 8.40	ASB/1601	▲
	10 145	15 220	40 580	1220 48	295 11.60	18.0 12.0	ASB/1602	■

PLEASE NOTE: Pressures for 200 mm (8ins) and 250 mm (10ins) are based on the use of ARTIFEX Braided Braid

1

WORKING PRESSURE

Working pressures are quoted for fluid temperatures at 20°C. Higher fluid temperatures will result in a lower working pressure.

2

TEST PRESSURE

To avoid distortion of the convoluted form of the hose, the maximum test pressures quoted in this literature **must not be exceeded**. All hoses are subjected to a test of one-and-a-half times the customer's stated working pressure, provided that this does not exceed the stated maximum test pressure. If a working pressure is not stated, then ARTIFEX Standard Test Procedures will apply.

3

HOSE AND BRAID MATERIAL

B & C FLEX hose are normally supplied in Stainless Steel Grade 321 S31 (Werkstoff Nr: 1.4541).
Braid is normally supplied in Grade 304L (Werkstoff Nr: 1.4301)
Available for specific applications are Hose and Braid in Grade 316L (Werkstoff Nr: 1.4404).