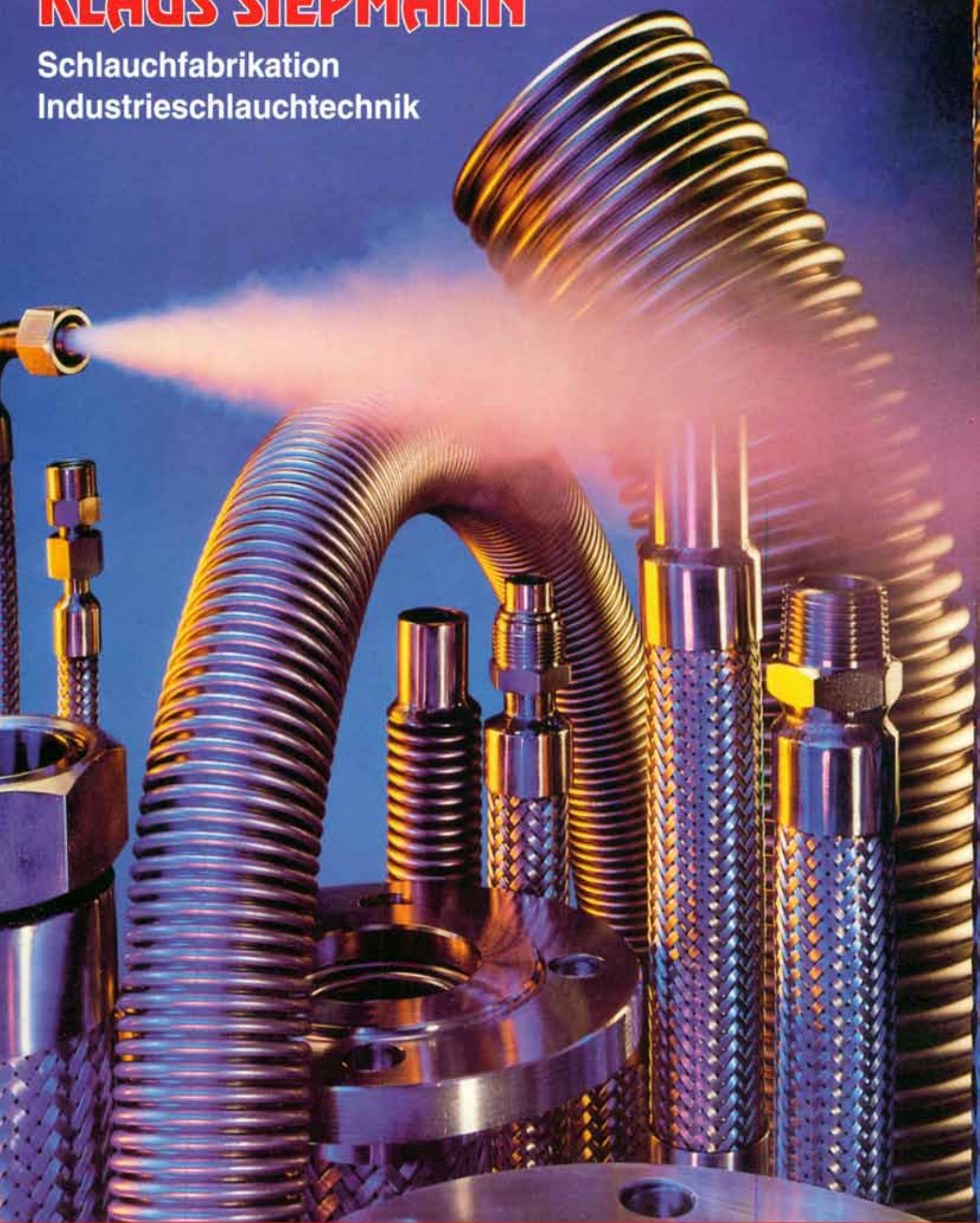


# KLAUS SIEPMANN

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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).