



Series 100 (standard pitch hydraulically formed)

ISO 10380 QUALIFIED

Technical specifications

Specifying part numbers for the series of metal hoses and braids

Series no (only prefix)	alloy of hose	size	type of braid	alloy of braid
1	21	0250	701	04

100 series	304 stainless steel	size	braiding	04=SS- 304
	321 stainless steel		700 unbraided	21=SS-321
	316L stainless steel		701 single braid	16 = SS316
	316Ti stainless steel		702 double braid	
			703 triple braid*	
			704 braided braid	

121025070104 (10" NB SS-321 Hose with SS-304 single wire braid code)
700006570104 (2 ½" NB SS-304 Braid single layer only)

All hoses are meets the BS-6501 & ISO 10380 standards

These hoses are available in the stainless steel 304, 321, & 316L.

Pressure capabilities as shown in the technical design data

Up to 2" NB, 100 series hose are available in the wooden reel.

For the high temperature and pressure look the temperature correction factor

For more layer of braiding please contact to factory.

Technical design data Series 100 (Hydraulically formed hose with single wire braiding)

Nominal bore	Working pr.(kg/cm ²)	Working pr. (kg/cm ²)	Minimum bend radius mm	Minimum bend radius mm
	Single wire braid	Double wire braid	Static mode	Dynamic mode
20 mm	64	102	60	200
25 mm	47	75	70	200
32 mm	45	72	100	250
40 mm	36	57	120	250
50 mm	32	51	130	350
65 mm	27	43	200	410
80 mm	20	32	205	450
100 mm	18	28	230	560
125 mm	15	24	300	660
150 mm	11	17	380	815
200 mm	10	16	508	1015
250 mm	9	14	635	1270
300 mm	8	12	762	1524
350 mm	6	9	1000	2000



Series 200 (standard pitch mechanically formed)

ISO 10380 QUALIFIED

Technical specifications

Specifying part numbers for the series of metal hoses and braids

Series no (only prefix)	alloy of hose	size	type of braid	alloy of braid
2	21	025	702	
200 series	304 stainless steel	size	braiding	04=SS- 304
	321 stainless steel		700 unbraided	21=SS-321
	316L stainless steel		701 single braid	16 = SS316
	316Ti stainless steel		702 double braid	
			703 triple braid *	

221002570204 (1" NB SS-321 Hose with SS-304 double wire braid code)

All hoses are meets the BS-6501 & ISO 10380 standards

These hoses are available in the stainless steel 304, 321, & 316L.

Pressure capabilities as shown in the technical design data

Up to 2" NB 200 series hose are available in the wooden reel also

For the high temperature and pressure use the temperature correction factor

For more layer of braiding please contact to factory.

Technical design data Series 200

Nominal bore	Working pr. (kg/cm ²)	Working pr. (kg/cm ²)	Minimum bend radius mm	Minimum bend radius mm
	Single wire braid	Double wire braid	Static mode	Dynamic mode
06 mm	120	192	25	125
08 mm	100	160	32	125
10 mm	88	140	38	140
12 mm	72	115	45	150
16 mm	80	128	50	200
20 mm	67	107	60	200
25 mm	50	80	70	225
32 mm	44	70	100	250
40 mm	37	59	120	250
50 mm	35	56	130	350
65 mm	30	48	200	410 U/D
80 mm	20	32	205	450 U/D
100 mm	19	30	230	560 U/D



Series 300 (Heavy duty hydraulically formed hoses)

ISO 10380 QUALIFIED

Technical specifications

Specifying part numbers for the series of metal hoses and braids

Series no (only prefix)	alloy of hose	size	type of braid	alloy of braid
3	21	0200	701	04

300 series	304 stainless steel	size	braiding	04=SS- 304
	321 stainless steel		700 unbraided	21=SS-321
	316L stainless steel		701 single braid	16 = SS316
	316Ti stainless steel		702 double braid	
			703 triple braid*	
			704 braided braid	

321020070104

(8" NB SS-321 Hose with SS-304 single wire braid code)

700006570104

(2 ½" NB SS-304 Braid single layer only)

All hoses are meets the BS-6501 & ISO 10380 standards

These hoses are available in the stainless steel 304, 321, & 316L.

Pressure capabilities as shown in the technical design data

Up to 2" NB, 100 series hose are available in the wooden reel.

For the high temperature and pressure look the temperature correction factor

For more layer of braiding please contact to factory.

Technical design data Series 300 (Heavy duty hydraulically formed hose)

Nominal bore	Working pr.(kg/cm ²)	Testing pr. (kg/cm ²)	Minimum bend radius mm	Minimum bend radius mm
	Single wire braid	Double wire braid	Static mode	Dynamic mode
20 mm	64	102	60	200
25 mm	47	75	70	200
32 mm	45	72	100	250
40 mm	36	57	120	250
50 mm	40	60	160	450
65 mm	50	75	200	550
80 mm	40	60	220	750
100 mm	18	28	230	560
125 mm	15	24	300	660
150 mm	11	17	380	815
200 mm	10	16	508	1015



Series 400 (Open pitch hoses)

ISO 10380 QUALIFIED

Technical specifications for open pitch hoses

Specifying part numbers for the series of metal hoses and braids

Series no (only prefix)	alloy of hose	size	type of braid	alloy of braid
4	21	025	701	
400 series	304 stainless steel	size	braiding	04=SS- 304
	321 stainless steel		700 unbraided	21=SS-321
	316L stainless steel		701 single braid	16 = SS316

421002570104 (1" NB SS-321 Hose with SS-304 single wire braid code)

All hoses are meets the BS-6501 & ISO 10380 standards

Marked hoses are mostly uses in heat exchangers and solar hose

These hoses are available in the stainless steel 304, 321, & 316L.

Pressure capabilities as shown in the technical design data

Up to 2" NB 400 series hose are available in the wooden reel also

For the high temperature and pressure look the temperature correction factor chart.

Technical design data Series 400

Nominal bore	Working pr.(kg/cm ²)	Working pr. (kg/cm ²)	Minimum bend radius mm	Minimum bend radius mm
	without wire braid	Single wire braid	Static mode	Dynamic mode
12 mm	10	72	45	
16 mm	8	80	58	
20 mm	7	67	70	
25 mm	4	50	85	
32 mm	3.5	44	105	
40 mm	3	37	130	
50 mm	3	30	160	
65 mm	2.0	20	200	
80 mm	1.0	20	250	
100 mm	1.0	20	310	