

STAINLESS Braid

Tubular & Braided

- Materials available include 304, 321 and 316 stainless steel
- Wide range of constructions including 24, 36, 48, 72, 96 and 128 carrier designs
- Clean and oil-free
- Soft texture allows for easy trimming and quicker hose assembly fabrication
- Long mill lengths for less waste
- Engineered for optimal hose coverage
- Manufactured on OmegaFlex hose mandrels to ensure proper braid angle
- Custom braiding to customer specifications is available in 304, 321 and 316L stainless steel, bronze, monel, exotic alloys and synthetic materials

Tubular Braid for Series 300 Hose — Stainless Steel T304, T321 and T316

Nominal Hose Size (in.)	Diameter Hose Size (DN)	Braid Construction	Braid I.D. (in.)	Braid Coverage (%)	Max. Working Pressure at 70°F (PSIG) ^b	Weight Per Foot (lb.)	Typical Mill Length (ft.) ^c
¼	8	24 x 6 x .012	0.46	90	2375	0.065	30-100
⅜	10	24 x 8 x .012	0.61	94	1650	0.098	30-100
½	15	24 x 8 x .012	0.76	86	1100	0.101	30-100
¾	20	36 x 8 x .012	1.05	90	800	0.143	30-100
1	25	36 x 8 x .016	1.34	88	750	0.268	30-100
1¼	32	48 x 8 x .016	1.64	97	725	0.375	30-60
1½	40	48 x 8 x .016	1.89	96	565	0.377	30-60
2	50	48 x 8 x .020	2.47	96	500	0.680	30-60
2½	65	72 x 8 x .020	3.33	90	400	0.710	30-60
3	80	72 x 8 x .020	3.89	86	288	0.760	30-60
3½	90	72 x 10 x .020	4.36	86	285	1.150	30-50
4	100	72 x 10 x .020	4.83	84	250	1.130	30-50
5	125	96 x 8 x .025	5.94	87	200	1.320	50-100
6	150	96 x 8 x .025	6.99	82	175	1.470	50-100

a. Standard braid constructions are shown without a type designation.

b. Maximum working pressure shown is calculated for OmegaFlex annular hose and corresponding single layer braid. See Series 300 annular hose specifications for additional information. Performance may be reduced if braid is not used on OmegaFlex hose.

c. Consult factory for longer lengths.

Braided Braid for Series 300 Hose — Stainless Steel T304

Nominal Hose Size (in.)	Diameter Hose Size (DN)	Braid Construction	Braid I.D. (in.)	Braid Coverage (%)	Max. Working Pressure at 70°F (PSIG) ^b	Weight Per Foot (lb.)	Typical Mill Length (ft.) ^c
5	125	96 x (13 x .025)	5.94	84	245	2.31	50-100
6	150	96 x (13 x .025)	6.99	96	275	2.75	50-100
8	200	96 x (17 x .025)	9.11	87	215	3.41	50-100
10	250	96 x (29 x .025)	11.19	93	200	3.94	50-100
12	300	96 x (29 x .025)	13.22	91	160	5.95	50-100
14	350	96 x (29 x .025)	15.40	80	150	6.25	10-30
16	400	96 x (29 x .025)	17.06	74	110	6.5	10-30

a. Standard braid constructions are shown without a type designation.

b. Maximum working pressure shown is calculated for OmegaFlex annular hose and corresponding single layer braid. See Series 300 annular hose specifications for additional information. Performance may be reduced if braid is not used on OmegaFlex hose.

c. Consult factory for longer lengths.

Note: To specify part numbers for braid products see page 8.

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