

STAINLESS Braid

Tubular Braid

- Wide range of constructions including 24, 36, 48 and 72 carrier designs
- Clean and oil-free
- Long mill lengths for less waste
- Engineered for optimal hose coverage
- Excellent Chemical resistance to dry chlorine, salt water, and alkalines
- 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 100 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) ^a	Weight Per Foot (lb.)	Typical Mill Length (ft.) ^b
¼	8	24 x 6 x .012	0.44	90	2625	0.065	30-100
⅜	10	24 x 8 x .012	0.60	94	1650	0.098	30-100
½	15	24 x 8 x .012	0.73	86	1150	0.101	30-100
¾	20	36 x 8 x .012	1.00	90	800	0.143	30-100
1	25	36 x 8 x .016	1.28	88	750	0.268	30-100

a. Maximum working pressure shown is calculated for OmegaFlex helical hose and corresponding single layer braid. See Series 100 helical hose specifications for additional information.

b. Consult factory for longer lengths.

Abrasion Resistant Tubular Braid for Series 100 Hose — Stainless Steel T304

Nominal Hose Size (in.)	Diameter Hose Size (DN)	Braid Type ^a	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	H	24 x 7 x .012	0.44	96	2625	0.130	30-100
⅜	10	H	24 x 8 x .016	0.60	94	1650	0.168	30-100
½	15	H	24 x 8 x .016	0.73	95	1150	0.200	30-100
¾	20	H	36 x 7 x .020	1.00	94	800	0.310	30-100
1	25	H	36 x 6 x .024	1.28	95	750	0.450	30-100

a. Abrasion resistant braid in abrasive environments extends hose life. Abrasion Resistant braid is not intended for use in high pressure applications — see Series 800 high pressure hose specifications on page 9.

b. Maximum working pressure shown is calculated for OmegaFlex helical hose and corresponding single layer braid. See Series 100 helical hose specifications for additional information.

c. Consult factory for longer lengths.

Specifying Part Numbers for Helical Braid Products

