

STRONG™ Spiral

- **Smallest outside coil diameter in the industry**
- **Best coil memory of any spiral in the industry**
- **Tangle resistant and kink proof**
- **Smooth bore for full flow**

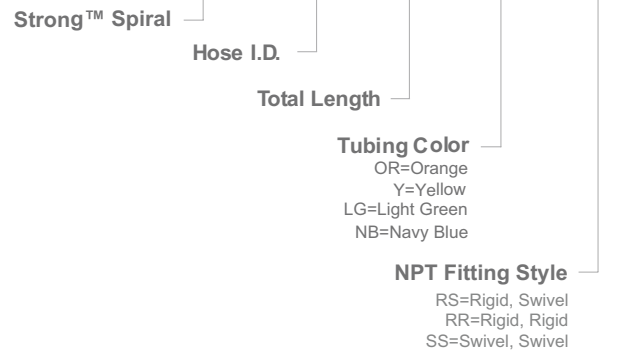


The Strong™ Spiral Series was developed to address two of the most common problems inherent in spiral hoses used in automotive, appliance, and furniture assembly line applications – the tangling and kinking of the spiral when used repeatedly at or beyond its recommended service length.

A special manufacturing process allows ATP to make a much smaller coil diameter, without flattening the tubing which would reduce air flow. This smaller coil diameter directly improves coil memory – even in the most demanding environment. The degree of sag is minimal and consistent therefore kinking is virtually eliminated. These features give this spiral a much longer service life than any other spiral on the market.

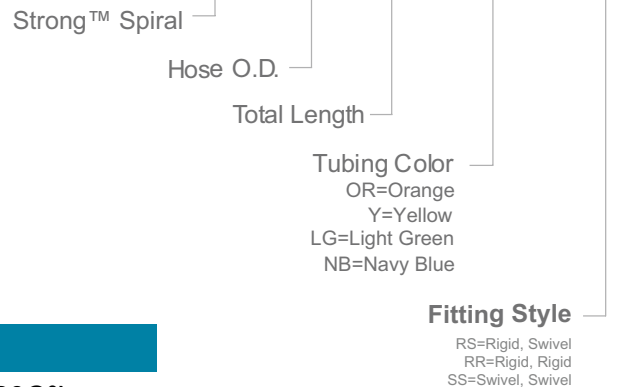
Manufactured with Shore A 98 durometer polyurethane strong tubing, Strong™ spirals yield a working length of approximately 60% of the total length. The port side tail is 4” and the tool side tail is 20”. ATP only uses our durable, heavy-duty brass compression fittings, which are available in both rigid and swivel style on this spiral.

ST - 316 - 10 - OR - RS



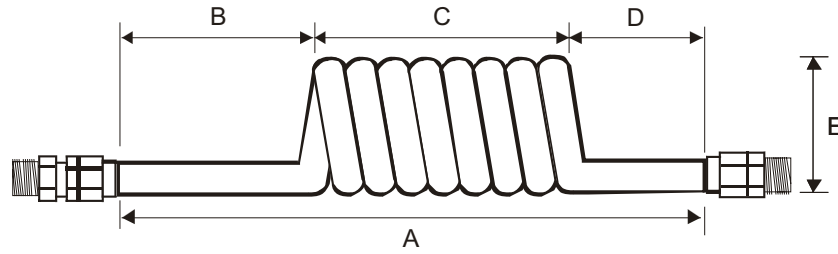
Nylon spiral (left),
 Technithane™ spiral (middle)
 Strong™ spiral (right)
Small diameter of coil maximizes coil memory

ST - 8 - 2 - OR - RS



Specifications:

Working Pressure: 140 PSI; (8 Bar); 8kgf/Cm2 at 68F°(20C°)
Burst Pressure: 428 PSI; (30 Bar); 30kgf/Cm2 at 68F°(20C°)
Working Temperature Range: -68°F(-55°C) to +140°F(+60°C)

	part number	hose I.D.	hose O.D.	working length (feet)	total turns	dim. A (inches)	dim. B (inches)	dim. C (inches)	dim. D (inches)	dim. E (inches)
1/4 fitting	ST-316-10-__	3/16	5/16	8	46	40	20	16	4	1.255
	ST-316-15-__	3/16	5/16	12	77	51	20	27	4	1.255
	ST-316-20-__	3/16	5/16	16	107	59.5	20	37.5	4	1.255
	ST-316-25-__	3/16	5/16	20	138	72	20	48	4	1.255
	ST-14-10-__	1/4	3/8	8	38	40	20	16	4	1.624
	ST-14-15-__	1/4	3/8	12	64	50	20	26	4	1.624
	ST-14-20-__	1/4	3/8	16	90	61	20	37	4	1.624
	ST-14-25-__	1/4	3/8	20	115	71	20	47	4	1.624
3/8 fitting	ST-2164-10-__	21/64	1/2	8	29	40.5	20	16.5	4	2.125
	ST-2164-15-__	21/64	1/2	12	48	51	20	27	4	2.125
	ST-2164-20-__	21/64	1/2	16	67	62	20	38	4	2.125
	ST-2164-25-__	21/64	1/2	20	86	73	20	49	4	2.125
1/2 fitting	ST-1332-10-__	13/32	5/8	8	23	38	20	14	4	3.25
	ST-1332-15-__	13/32	5/8	12	38	47	20	23	4	3.25
	ST-1332-20-__	13/32	5/8	16	54	57	20	33	4	3.25
	ST-1332-25-__	13/32	5/8	20	69	65	20	41	4	3.25

13/32" ID is not available in orange.

	part number	hose I.D.	hose O.D.	working length (mm)	total turns	dim. A (mm)	dim. B (mm)	dim. C (mm)	dim. D (mm)	dim. E (mm)
BSPT fittings available	ST-8-2-__	5	8	1,400	19	760	500	160	100	32
	ST-8-4-__	5	8	2,550	31	990	500	390	100	32
	ST-8-6-__	5	8	3,850	42	1,250	500	650	100	32
	ST-8-8-__	5	8	5,150	54	1,510	500	910	100	32
	ST-10-4-__	6.5	10	2,350	14	950	500	350	100	42
	ST-10-6-__	6.5	10	3,350	23	1,150	500	550	100	42
	ST-10-8-__	6.5	10	4,450	32	1,390	500	790	100	42
	ST-12-4-__	8	12	2,400	40	950	500	360	100	55
	ST-12-6-__	8	12	3,300	12	1,140	500	540	100	55
	ST-12-8-__	8	12	4,450	19	1,370	500	770	100	55
	ST-16-4-__	11	16	2,100	26	900	500	300	100	83
	ST-16-6-__	11	16	2,800	34	1,040	500	440	100	83
	ST-16-8-__	11	16	3,600	13	1,200	500	600	100	83

Custom colors are available, minimum quantities may apply.