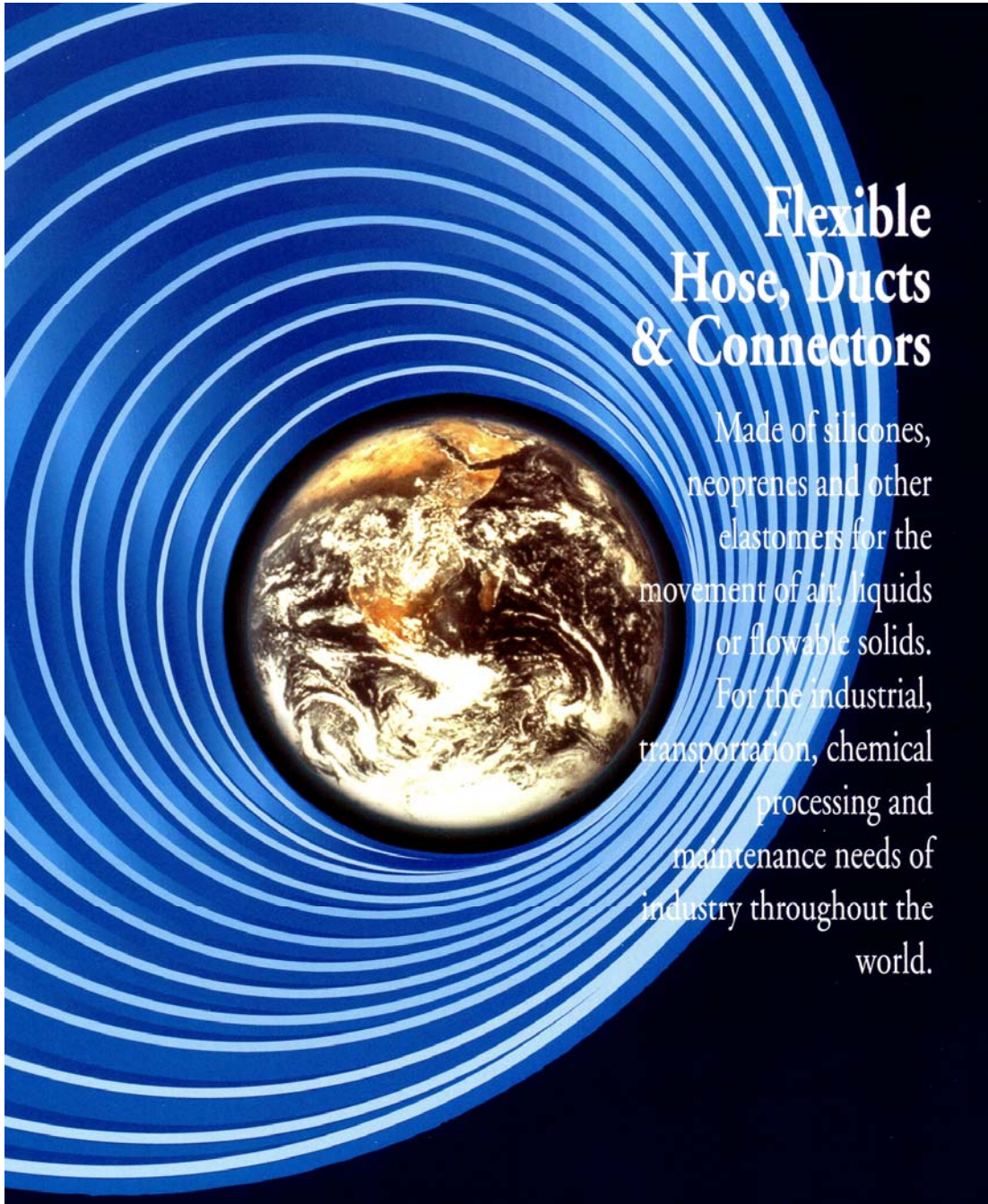


Flexfab

Specialty Products

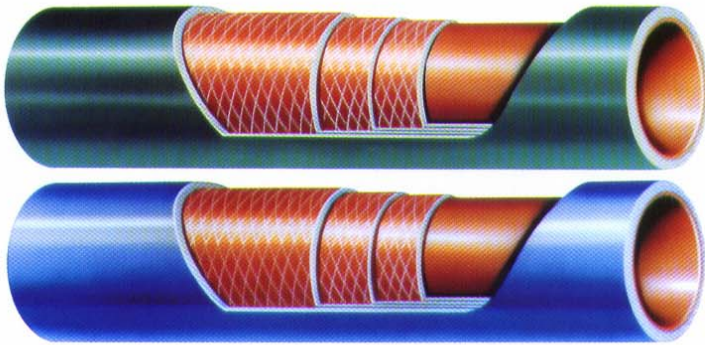


**Flexible
Hose, Ducts
& Connectors**

Made of silicones, neoprenes and other elastomers for the movement of air, liquids or flowable solids. For the industrial, transportation, chemical processing and maintenance needs of industry throughout the world.

Distributor Products

3-Ply Silicone Coolant Hose



Silicone Coolant Hose—For heavy-duty pressure connections in hostile engine environments. Resists hardening, cracking, cold leaks, aging, steam and many chemicals.

3-ply silicone coolant hose reinforced with polyester fabric and coated with specially compounded silicone elastomer.

Characteristics: Temperature range -65°F (-54°C) to +350°F (+177°C). Ideal for extreme temperature and various pressure ranges where high performance levels are required. Available in 3- or 4-ply versions. Meets or exceeds operating requirements of SAE J20 R1 Class A custom wall, TMC RP303B Class I Grade II and most OEM truck manufacturers' specifications.

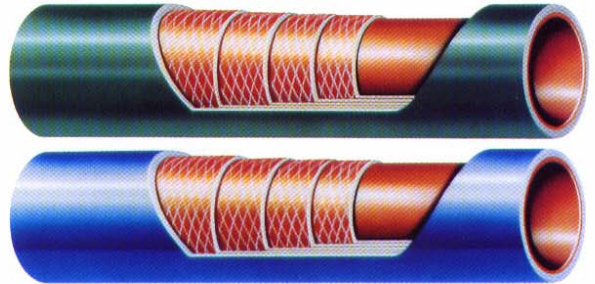
FLX5515 Coolant Hose – 3-ply FLX5500										
INSIDE DIA.		OUTSIDE DIA.		PART NUMBER		BURST PRESSURE - PSI (BAR)			WEIGHT	
inch	mm	inch	mm	Blue	Green	Actual	SAE J20 R 1*	TMC	lb/ft	kg/m
0.50	12.7	0.82	20.8	5515-050	5500-050	500 (34.5)	425 (29.3)	125 (8.6)	0.16	0.24
0.63	15.9	0.95	24.0	5515-062	5500-062	485 (33.4)	425 (29.3)	125 (8.6)	0.20	0.30
0.75	19.1	1.07	27.2	5515-075	5500-075	475 (32.7)	325 (22.4)	125 (8.6)	0.24	0.36
0.88	22.2	1.20	30.4	5515-087	5500-087	465 (32.0)		125 (8.6)	0.28	0.42
1.00	25.4	1.32	33.5	5515-100	5500-100	450 (31.0)	300 (20.7)	125 (8.6)	0.32	0.48
1.13	28.6	1.45	36.7	5515-112	5500-112	435 (30.0)	300 (20.7)	125 (8.6)	0.36	0.54
1.25	31.8	1.57	39.9	5515-125	5500-125	425 (29.3)	275 (18.9)	125 (8.6)	0.40	0.60
1.38	34.9	1.70	43.1	5515-138	5500-138	400 (27.6)		125 (8.6)	0.44	0.65
1.50	38.1	1.82	46.2	5515-150	5500-150	375 (25.8)	250 (17.2)	125 (8.6)	0.48	0.71
1.63	41.3	1.95	49.4	5515-162	5500-162	350 (24.1)		125 (8.6)	0.52	0.77
1.75	44.5	2.07	52.6	5515-175	5500-175	300 (20.7)	225 (15.5)	125 (8.6)	0.56	0.83
2.00	50.8	2.32	58.9	5515-200	5500-200	250 (17.2)	200 (13.8)	100 (6.9)	0.64	0.95
2.13	54.0	2.45	62.1	5515-212	5500-212	235 (16.2)		100 (6.9)	0.68	1.01
2.25	57.2	2.57	65.3	5515-225	5500-225	225 (15.5)	175 (12.1)	100 (6.9)	0.72	1.07
2.38	60.3	2.70	68.5	5515-238	5500-238	210 (14.5)		100 (6.9)	0.76	1.13
2.50	63.5	2.82	71.6	5515-250	5500-250	200 (13.8)	150 (10.3)	100 (6.9)	0.80	1.19
2.63	66.7	2.95	74.8	5515-262	5500-262	200 (13.8)		100 (6.9)	0.84	1.25
2.75	69.9	3.07	78.0	5515-275	5500-275	200 (13.8)	125 (8.6)	100 (6.9)	0.88	1.31
3.00	76.2	3.32	84.3	5515-300	5500-300	200 (13.8)	100 (6.9)	100 (6.9)	0.96	1.43
3.25	82.6	3.57	90.7	5515-325	5500-325	175 (12.1)		100 (6.9)	1.04	1.55
3.50	88.9	3.82	97.0	5515-350	5500-350	150 (10.3)	75 (5.2)	100 (6.9)	1.12	1.67
3.75	95.3	4.07	103.4	5515-375	5500-375	135 (9.3)		100 (6.9)	1.20	1.79
4.00	101.6	4.32	109.7	5515-400	5500-400	125 (8.6)	50 (3.4)	100 (6.9)	1.28	1.90
4.50	114.3	4.82	122.4	5515-450	5500-450	100 (6.9)			1.44	2.14
5.00	127.0	5.32	135.1	5515-500	5500-500	90 (6.2)			1.60	2.38
6.00	152.4	6.32	160.5	5515-600	5500-600	75 (5.2)			1.92	2.85

Flexfab wall thickness is .140/.190. TMC RP303B Class I Grade II wall thickness is .137/.177. *Class A Standard Wall

4-Ply Silicone Coolant Hose

4-ply silicone coolant hose reinforced with polyester fabric and coated with specially compounded silicone elastomer.

Characteristics: Continuous operating temperature is -65°F (-54°C) to +350°F (+177°C). Meets or exceeds the requirements of SAE J20 R1 Class A, TMC RP303B Class I Grade I and most OEM truck manufacturers' specifications.

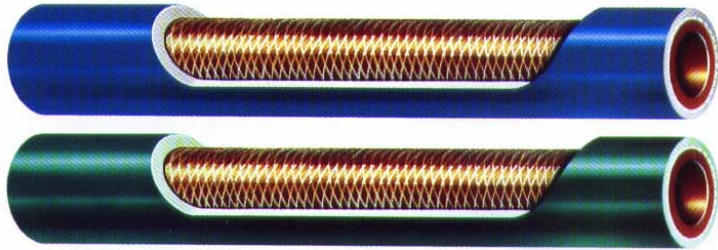


FLX5581 Coolant Hose – 4-Ply FLX5501

INSIDE DIA.		OUTSIDE DIA.		PART NUMBER		BURST PRESSURE - PSI (BAR)			WEIGHT	
inch	mm	inch	mm	Blue	Green	Actual	SAE J20R 1*	TMC	lb/ft	Kg/m
0.50	12.7	0.89	22.6	5581-050	5501-050	600 (41.3)		125 (8.6)	0.20	0.29
0.63	15.9	1.02	25.8	5581-062	5501-062	585 (40.3)		125 (8.6)	0.24	0.36
0.75	19.1	1.14	29.0	5581-075	5501-075	575 (39.6)		125 (8.6)	0.29	0.44
0.88	22.2	1.27	32.1	5581-087	5501-087	560 (38.6)		125 (8.6)	0.34	0.51
1.00	25.4	1.39	35.3	5581-100	5501-100	550 (37.9)		125 (8.6)	0.39	0.58
1.13	28.6	1.52	38.5	5581-112	5501-112	525 (36.2)		125 (8.6)	0.44	0.65
1.25	31.8	1.64	41.7	5581-125	5501-125	500 (34.5)	500 (34.5)	125 (8.6)	0.49	0.73
1.38	34.9	1.77	44.8	5581-138	5501-138	475 (32.7)		125 (8.6)	0.54	0.80
1.50	38.1	1.89	48.0	5581-150	5501-150	450 (31.0)	450 (31.0)	125 (8.6)	0.59	0.87
1.63	41.3	2.02	51.2	5581-162	5501-162	425 (29.3)		125 (8.6)	0.63	0.94
1.75	44.5	2.14	54.4	5581-175	5501-175	400 (27.6)	400 (27.6)	125 (8.6)	0.68	1.02
2.00	50.8	2.39	60.7	5581-200	5501-200	400 (27.6)	350 (24.1)	100 (6.9)	0.78	1.16
2.13	54.0	2.52	63.9	5581-212	5501-212	375 (25.8)		100 (6.9)	0.83	1.23
2.25	57.2	2.64	67.1	5581-225	5501-225	350 (24.1)	350 (24.1)	100 (6.9)	0.88	1.31
2.38	60.3	2.77	70.2	5581-238	5501-238	325 (22.4)		100 (6.9)	0.93	1.38
2.50	63.5	2.89	73.4	5581-250	5501-250	300 (20.7)	300 (20.7)	100 (6.9)	0.98	1.45
2.63	66.7	3.02	76.6	5581-262	5501-262	285 (19.6)		100 (6.9)	1.02	1.52
2.75	69.9	3.14	79.8	5581-275	5501-275	275 (18.9)	250 (17.2)	100 (6.9)	1.07	1.60
3.00	76.2	3.39	86.1	5581-300	5501-300	250 (17.2)	250 (17.2)	100 (6.9)	1.17	1.74
3.25	82.6	3.64	92.5	5581-325	5501-325	225 (15.5)		100 (6.9)	1.27	1.89
3.50	88.9	3.89	98.8	5581-350	5501-350	200 (13.8)	200 (13.8)	100 (6.9)	1.37	2.03
3.75	95.3	4.14	105.2	5581-375	5501-375	175 (12.1)		100 (6.9)	1.46	2.18
4.00	101.6	4.39	111.5	5581-400	5501-400	150 (10.3)	150 (10.3)	100 (6.9)	1.56	2.32
4.50	114.3	4.89	124.2	5581-450	5501-450	150 (10.3)			1.76	2.61
5.00	127.0	5.39	136.9	5581-500	5501-500	125 (8.6)			1.95	2.90
6.00	152.4	6.39	162.3	5581-600	5501-600	100 (6.9)			2.34	3.48

For vacuum applications, Flexfab produces a helically-wound wire 2-ply hose (Part No. 5508). Meets SAE J20 R2 Class A. Parts No. 5501 and 5508 meet MIL-H-62217AT and A-A-52426. Nomex® reinforcement is available for high flex and high temperature applications. For bend radius tighter than SAE J20 specifications, contact Flexfab. Standard lengths are three feet or one meter. Special lengths and colors are available. *Class A Heavy Wall

Extruded Silicone Heater Hose



Available in bulk or handy dispenser cartons.

Silicone Heater Hose—For heavy-duty pressure connections in hostile engine environments.

Characteristics: Continuous operating temperature -65°F (-54°C) to +350°F (+177°C). Nylon fiber reinforced. Resistant to coolant additives. Nomex® reinforcement available for high temperature applications.

FLX5526 Series - Blue

PART NUMBER	INSIDE DIA.				OUTSIDE DIA.				BURST PRESSURE						WEIGHT	
									5526		SAE J20 R3		TMC			
	inch	mm	Max	Min	inch	mm	Max	Wall Thickness	PSI	BARS	PSI	BARS	PSI	BARS	lb/ft	kg/m
5526-025	1/4	6	.270	.230	.580	15	.690	.140/.170	320	22.1			125	8.6	.111	.165
5526-038	3/8	10	.400	.360	.705	18	.720	.140/.170	310	21.4	250	17.2	125	8.6	.145	.217
5526-050	1/2	13	.520	.480	.830	25	.840	.140/.170	310	21.4	250	17.2	125	8.6	.181	.269
5526-062	5/8	16	.645	.605	.955	26	.970	.140/.170	300	20.7	200	13.8	125	8.6	.216	.341
5526-075	3/4	19	.770	.730	1.080	27	1.090	.140/.170	300	20.7	200	13.8	125	8.6	.250	.372
5526-100	1	25	1.020	.970	1.330	35	1.400	.140/.170	250	17.2	250	17.2	125	8.6	.145	.217
5526-125	1-1/4	32	1.270	1.220	1.580	40	1.650	.140/.170	200	13.8			125	8.6	.385	.572

Meets TMC-RP303B Class I Grade 2 Specification.

FLX5521 Series - Green

PART NUMBER	INSIDE DIA.				OUTSIDE DIA.				BURST PRESSURE						WEIGHT	
									5521		SAE J20 R3		TMC			
	inch	mm	Max	Min	inch	mm	Max	Wall Thickness	PSI	BARS	PSI	BARS	PSI	BARS	lb/ft	kg/m
5521-025	1/4	6	.270	.230	.640	15	.710	.170/.220	475	32.8	475	32.8	125	8.6	.121	.180
5521-038	3/8	10	.395	.355	.765	19	.835	.170/.220	475	32.8	475	32.8	125	8.6	.181	.289
5521-050	1/2	13	.520	.480	.890	23	.960	.170/.220	425	29.3	425	29.3	125	8.6	.226	.336
5521-062	5/8	16	.645	.605	1.015	26	1.085	.170/.220	375	25.9	375	25.9	125	8.6	.258	.384
5521-075	3/4	19	.770	.730	1.140	29	1.210	.170/.220	325	22.4	325	22.4	125	8.6	.301	.448
5521-100	1	25	1.020	.970	1.390	35	1.460	.170/.220	300	20.7	300	20.7	125	8.6	.391	.580
5521-125	1-1/4	32	1.270	1.220	1.640	42	1.710	.170/.220	200	13.8	275	19.0	125	8.6	.491	.731

Meets SAE 20R3 Class A Specification. Meets TMC-RP303B Class I Grade 1 Specification. FLX5596 Series reinforced extruded hose is available with Kevlar® aramid.

3-Ply Silicone Turbo Sleeves and Connectors

Sleeves and Connectors—For connection between the turbocharger and the engine. Resists chemicals, steam, ozone, coolants and aging conditions normally found in the engine environment.



Characteristics: Specially compounded silicone elastomer inner liner, nominal thickness .010", reinforced with woven fiberglass fabric applied on a 45° bias layup and coated with silicone rubber. Color is red. Special lengths available on request.

FLX7701 – 3-Ply Construction

INSIDE DIAMETER	1"	1-1/4"	1-1/2"	2"	2-1/4"	2-1/2"	2-3/4"	3"	3-1/4"	3-1/2"	3-3/4"	4"	6"
OPERATING PRES. P.S.I.G.	45	40	40	35	30	30	25	25	20	20	15	15	10
BURST P.S.I.G.	135	125	120	105	95	90	80	75	65	60	50	45	25
WEIGHT (LBS. PER FT.)	.50	.55	.60	.70	.75	.80	.85	.90	.95	1.00	1.05	1.10	1.30

FLX 7702 – Heavy Duty 4-Ply Construction

INSIDE DIAMETER	1"	1-1/4"	1-1/2"	2"	2-1/4"	2-1/2"	2-3/4"	3"	3-1/4"	3-1/2"	3-3/4"	4"	6"
OPERATING PRES. P.S.I.G.	60	57	53	45	42	38	34	30	27	25	22	20	12
BURST P.S.I.G.	180	170	160	135	125	115	100	90	80	75	65	60	35
WEIGHT (LBS. PER FT.)	.65	.70	.75	.85	.90	.95	1.00	1.05	1.10	1.15	1.20	1.25	1.45

FLX7703 – Extra Heavy Duty 6-Ply Construction

INSIDE DIAMETER	1"	1-1/4"	1-1/2"	2"	2-1/4"	2-1/2"	2-3/4"	3"	3-1/4"	3-1/2"	3-3/4"	4"	6"
OPERATING PRES. P.S.I.G.	90	85	80	70	65	60	55	50	45	40	35	30	20
BURST P.S.I.G.	270	255	240	210	195	180	165	150	135	120	105	90	60
WEIGHT (LBS. PER FT.)	1.00	1.10	1.20	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.60

Continuous operation temperature -65°F +500°F. Intermittent operating temperature -65°F +550°F. Standard length is 12 feet. For additional specifications, contact factory.



3-Ply Silicone Hump Hose 3 & 4-Ply Intercooler Bellows



Convolute Charge Air Hose—
For superior connection between
engine-mounted charge air system
components. Ideal for handling
slight misalignments and isolating
vibration between hose ends.

Convolute Charge Air Hose - 4-ply Nomex® - Iron Oxide Red Hot Side [500°F (260°C) Max Operating Temp]									
Inside Dia		Outside Dia.		Length		Part Number	Stainless Steel Rings	Max. Operating Pressure	
inch	mm	inch	mm	inch	mm			psig	bar
3.00	76.2	3.23	82.0	6.00	152.4	7731	NO	30	2.1
3.00	76.2	3.28	82.0	6.00	152.4	7731-0001	YES	60	4.1
3.50	88.9	3.73	94.7	6.00	152.4	7732	NO	27	1.9
3.50	88.9	3.73	94.7	6.00	152.4	7732-0001	YES	55	3.8
4.00	101.6	4.23	107.4	6.00	152.4	7715-0001	NO	25	1.7
4.00	101.6	4.23	107.4	6.00	152.4	7715-0002	YES	50	3.4
4.00	101.6	4.23	107.4	8.00	203.2	7727	NO	25	1.7
4.00	101.6	4.23	107.4	8.00	203.2	7727-0001	YES	50	3.4
4.50	114.3	4.73	120.1	6.00	152.4	7742	NO	22	1.5
4.50	114.3	4.73	120.1	6.00	152.4	7742-0001	YES	45	3.1

Convolute Charge Air Hose - 3-Ply Polyester - Blue Cold Side [300°F (149°C) Max Operating Temp]									
Inside Dia		Outside Dia.		Length		Part Number	Stainless Steel Rings	Max. Operating Pressure	
inch	mm	inch	mm	inch	mm			psig	bar
3.00	76.2	3.23	82.0	6.00	152.4	7758	NO	30	2.9
3.00	76.2	3.23	82.0	6.00	152.4	7758-0001	YES	60	5.8
3.50	88.9	3.73	94.7	6.00	152.4	7753	NO	27	2.6
3.50	88.9	3.73	94.7	6.00	152.4	7753-0001	YES	55	5.3
4.00	101.6	4.23	107.4	6.00	152.4	7755	NO	25	2.4
4.00	101.6	4.23	107.4	6.00	152.4	7755-0002	YES	50	4.8
4.50	114.3	4.73	120.1	6.00	152.4	7759	NO	22	2.1
4.50	114.3	4.73	120.1	6.00	152.4	7759-0001	YES	45	4.3

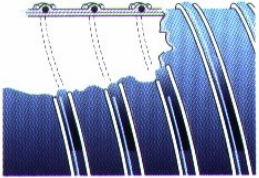
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Industrial Sil Fab 2

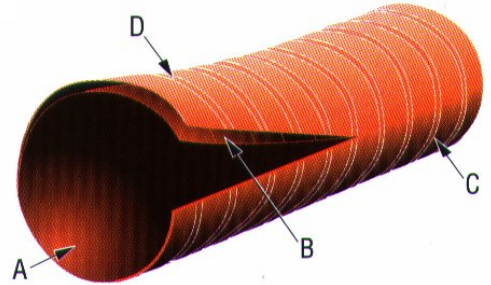
2-Ply Silicone / Fiberglass With Wire

Double-Ply, Silicone-Coated Woven Fiberglass Hose



Applications: • Designed for medium pressure handling of air, dust, fumes and light powders • Not recommended for handling liquids or abrasive materials.

Construction: Smooth inner ply and cover ply of silicone-coated, woven fiberglass. Superior air flow and minimum friction loss. Chemically-treated, helically-wound, spring steel wire for flexibility. Double, continuous filament, silicone-coated treated fiberglass cord. Vulcanized for long service life. Lightweight, non-kinking. Temperature range -80°F to +600°F (-62°C to +316°C). Abrasion-resistant cover and liner available.



- A. Silicone/Fiberglass Inner Liner Ply
- B. Helical Coiled Spring Wire
- C. Silicone/Fiberglass Cover Ply
- D. Double Fiberglass Cord

FLX2005 Series

I.D. INCHES	DASH NO.	P.S.I.G.	BURST	MAX. LEAKAGE CFM	MAX. NEG. P.S.I.	WT. PER FT. IN OZ.	CUFF LENGTH	WALL THICKNESS
1.00	4	60	180	.015	15	2.0	1½	.070
1.25	5	60	180	.015	15	2.5	1½	.070
1.50	6	55	165	.015	13	3.0	1½	.070
1.75	7	55	165	.02	13	3.5	1½	.070
2.00	8	50	150	.02	10	4.0	1½	.070
2.25	9	50	150	.02	10	4.5	1½	.070
2.50	10	45	135	.025	8	5.0	1½	.070
2.75	11	45	135	.025	8	6.0	1½	.070
3.00	12	45	135	.03	7	6.2	1½	.070
3.25	13	45	135	.03	6	6.7	1½	.070
3.50	14	40	120	.035	6	7.2	1½	.070
3.75	15	40	120	.035	5	7.8	1½	.070
4.00	16	40	120	.04	5	8.4	1½	.080
4.50	18	35	105	.05	4	9.6	2	.080
5.00	20	35	105	.06	4	10.7	2	.080
5.50	22	30	90	.08	3	11.8	2	.080
6.00	24	30	90	.10	3	13.0	2	.090
8.00	32	15	45	.15	3	17.8	2	.110
10.00	40	8	24	.20	2	22.6	2½	.120
12.00	48	4	12	.30	2	27.1	2½	.120

Compresses to 1/3 of extended length. Bend radius is one times diameter of hose.