



SUBMITTAL

Contractor's Stamp:	Notes:
<div style="border: 2px solid blue; padding: 5px;"> <p>SHOP DRAWING / SUBMITTAL REVIEW:</p> <p> <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> APPROVE WITH CHANGES NOTED <input type="checkbox"/> REVISE AND RESUBMIT <input type="checkbox"/> REJECTED </p> <p>Submittal was reviewed for design conformity and general conformance to Contract Documents only. The Subcontractor is responsible for confirming and correlating dimensions at jobsite for the tolerance, clearance, quantities, fabrication processes and techniques of construction. Coordination of His/Her work with other trades and full compliance with Contract Documents.</p> <p> By: <u>Tony Cannon</u> MACON BUILDING PROJECT MANAGER </p> <p style="text-align: center;"> MACON BUILDING 662 HIGHLAND DRIVE - ALTAMONTE SPRING - FL - 32701 </p> </div>	"PLEASE USE REDTEAM FOR NOTES"

Architect's Stamp:	Notes:
	"PLEASE USE REDTEAM FOR NOTES"

Engineer's Stamp	Notes:
	"PLEASE USE REDTEAM FOR NOTES"

SILICONE COOLANT HOSE

3 & 4 Ply Coolant Hose



Silicone coolant hose is engineered for hostile engine environments, this coolant hose is ideal for extreme temperature and pressure ranges where high-performance levels are required. Silicone resists hardening, cracking, cold leaks, aging, and a number of chemicals, making it a durable, long-lasting solution for your applications.

CONSTRUCTION

- Silicone hose with 3 or 4 plies of polyester reinforcement
- Available in: Green & Blue
- Stocked in 3' lengths
- 12' lengths also available (call for availability)

SPECIFICATIONS

- Meets or exceeds the operating requirements of SAE J20 R1 Class A
- Meets or exceeds the operating requirements of TMC RP303B Class I Grade II
- Custom wall thickness is .140"/.190"
- Working pressure is 1/3 of the burst pressure
- Resists hardening, cracking, cold leaks, aging, and many chemicals
- Ideal for extreme temperature and various pressure ranges where high performance levels are required

• Product Overview

- **Size:** 5.50" X 3'
- **Series:** 5581
- **Color:** Blue
- **Type:** Coolant Hose
- **Actual PSI:** 100
- **Burst Pressure PSI:**

- **Construction:**

- • Silicone hose with 4-ply of Polyester Reinforcement

- **Specifications:**

- • Meets or exceeds the operating requirements of SAE J20 R1
- • Meets or exceeds the operating requirements of TMC RP303B Class I Grade II
- • Temperature range is -65°F (-54°C) to +350°F (+177°C)
- • Standard Wall Thickness is .170"/.220"

- **Applications:**

- • For heavy duty pressure connections in hostile engine environments
- • Resists hardening, cracking, cold leaks, aging, and many chemicals
- • Ideal for extreme temperature and various pressure ranges where high performance levels are required

Blue Series Part Number	Green Series Part Number	Inside Diameter		Outside Diameter		Actual Burst Pressure - PSI	Burst Pressure - PSI SAE J20		Weight (LB/FT)	Clamp
		Inch	MM	Inch	MM		R1	TMC		
5581-038	5501-038	0.38	10	0.77	20	600	425	125	0.16	2582-0006
5581-050	5501-050	0.50	13	0.89	23	600	425	125	0.20	2582-0008
5581-062	5501-062	0.63	16	1.02	26	585	425	125	0.24	2582-0010
5581-075	5501-075	0.75	19	1.14	29	575	325	125	0.29	2582-0012
5581-087	5501-087	0.88	22	1.27	32	560	300	125	0.34	2582-0016
5581-100	5501-100	1.00	25	1.39	35	550	300	125	0.39	2582-0016 or 2584-0175
5581-112	5501-112	1.13	29	1.52	39	525	300	125	0.44	2582-0020 or 2584-0175
5581-125	5501-125	1.25	32	1.64	42	500	275	125	0.49	2582-0020 or 2584-0212

5581-138	5501-138	1.38	35	1.77	45	475	250	125	0.54	2582-0024 or 2584-0212
5581-150	5501-150	1.50	38	1.89	48	450	250	125	0.59	2582-0024 or 2584-0212
5581-162	5501-162	1.63	41	2.02	51	425	225	125	0.63	2582-0028 or 2584-0262
5581-175	5501-175	1.75	44	2.14	54	400	225	125	0.68	2582-0028 or 2584-0262
5581-187	5501-187	1.88	48	2.27	58	400	200	100	0.73	2582-0032 or 2584-0262
5581-200	5501-200	2.00	51	2.39	61	400	200	100	0.78	2582-0032 or 2584-0262
5581-212	5501-212	2.13	54	2.52	64	375	175	100	0.83	2582-0036 or 2584-0312

5581-225	5501-225	2.25	57	2.64	67	350	175	100	0.88	2582-0036 or 2584-0312
5581-238	5501-238	2.38	60	2.77	70	325	150	100	0.93	2582-0040 or 2584-0312
5581-250	5501-250	2.50	64	2.89	73	300	150	100	0.98	2582-0040 or 2584-0312
5581-262	5501-262	2.63	67	3.02	77	285	125	100	1.02	2582-0044 or 2584-0362
5581-275	5501-275	2.75	70	3.14	80	275	125	100	1.07	2582-0044 or 2584-0362
5581-287	5501-287	2.88	73	3.27	83	250	100	100	1.12	2582-0048 or 2584-0362
5581-300	5501-300	3.00	76	3.39	86	250	100	100	1.17	2582-0048 or 2584-0362

5581-312	5501-312	3.13	80	3.52	89	225	75	100	1.22	2582-0052 or 2584-0412
5581-325	5501-325	3.25	83	3.64	92	225	75	100	1.27	2582-0052 or 2584-0412
5581-338	5501-338	3.38	86	3.77	96	200	75	100	1.32	2582-0056 or 2584-0412
5581-350	5501-350	3.50	89	3.89	99	200	75	100	1.37	2582-0056 or 2584-0412
5581-375	5501-375	3.75	95	4.14	105	175	50	100	1.46	2582-0060 or 2584-0462
5581-400	5501-400	4.00	102	4.39	112	150	50	100	1.56	2582-0064 or 2584-0462
5581-450	5501-450	4.50	114	4.89	124	150	N/A	N/A	1.76	2582-0072 or 2584-0512

5581-500	5501-500	5.00	127	5.39	137	125	N/A	N/A	1.95	2584-0562
5581-550	5501-550	5.50	140	5.89	150	100	N/A	N/A	2.16	2584-0612
5581-600	5501-600	6.00	152	6.39	162	100	N/A	N/A	2.34	2584-0662