

GreenJayTM HEATER HOSE

Description

A green cover, with single-ply polyester fiber reinforcement for strength. Available in 25ft and 50ft boxes; longer lengths are available on plastic spools at 250ft and 500ft.

Construction

A green cover, with single-ply polyester fiber reinforcement for strength. Available in 25ft and 50ft boxes; longer lengths are available.

Specifications

- Meets or exceeds the operating requirements of SAE J20 R3 Class A.
- Temperature range is -40°F (-40°C) to 350°F (177°C).
- Standard Wall Thickness is
 - ✓ .138in +/- .016 (3.5mm +/- .4) < .35in (9mm) ID
 - ✓ .157in +/- .016 (4.0mm +/- .4) > .35in (9mm) ID
 - ✓ .169in +/- .024 (4.3mm +/- .6) at 1in (25.4mm) ID
- Inside Diameter is +/- 0.031in(0.8mm).
- Working pressure should be calculated at 1/3 of the burst pressure.
- Bend radius is 4 to 5 times the Inside Diameter of the hose.
- Continuous lengths are not guaranteed, if continuous lengths are required please contact Purosil for price.



Applications

- In vehicle heating and cooling.
- Industrial Plumbing.
- Anywhere high temperature is seen and long life is needed.
- Resistant to coolant and additives.
- Resists ozone, hardening, cracking, cold leaks, aging, and many chemicals.

Warranty

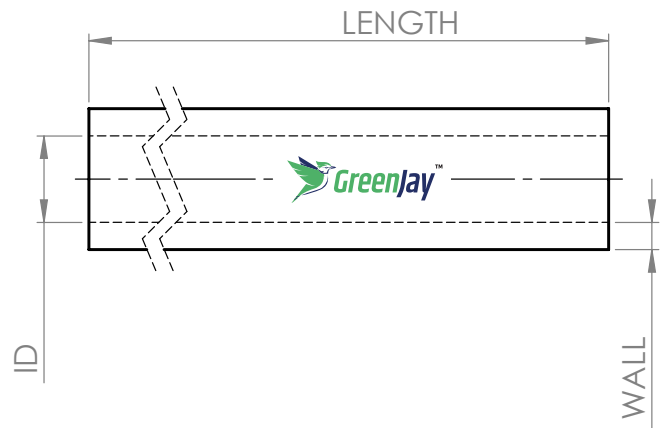
5 years or 100,000 miles

Description

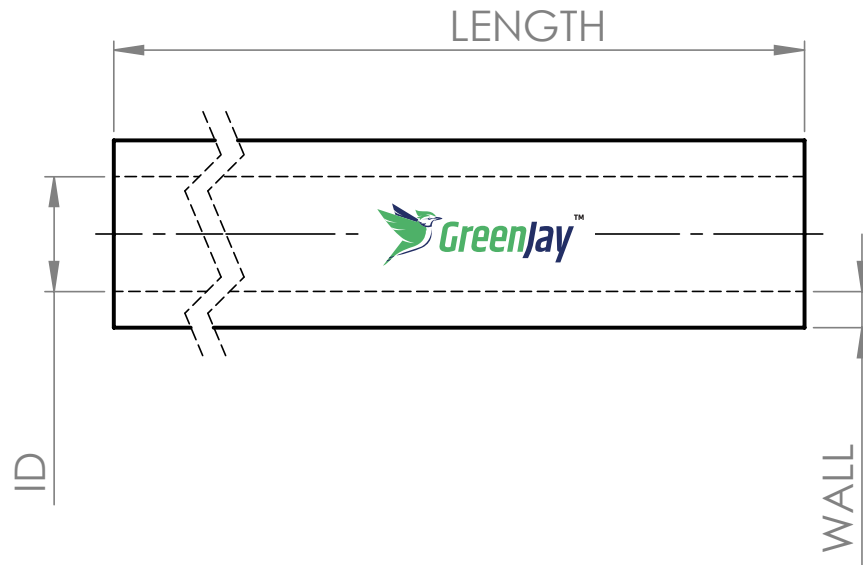
High Temp Heater Hose

Technical Hose Specifications

- Temperature resistant silicone liner.
- Reinforced with one ply of polyester.
- UV and ozone resistant.
- Rated for -40°F to 350°F [-40°C to 177°C].
- Conforms to SAE J20 R3 Class A.
- Minimum bend radius is 4 to 5 times the Inside Diameter of the hose.



PART NUMBER	ID		LENGTH		MIN. BURST	
	IN	MM	FT	M	BAR	PSI
ETC025HT-25	0.25	6.35	25	82.025	17.20	249
ETC025HT-50	0.25	6.35	50	164.05	17.20	249
ETC025HT-250	0.25	6.35	250	820.25	17.20	249
ETC031HT-25	0.31	7.874	25	82.025	17.20	249
ETC031HT-50	0.31	7.874	50	164.05	17.20	249
ETC031HT-250	0.31	7.874	250	820.25	17.20	249
ETC038HT-25	0.375	9.525	25	82.025	17.20	249
ETC038HT-50	0.375	9.525	50	164.05	17.20	249
ETC038HT-250	0.375	9.525	250	820.25	17.20	249
ETC050HT-25	0.5	12.7	25	82.025	17.20	249
ETC050HT-50	0.5	12.7	50	164.05	17.20	249
ETC050HT-250	0.5	12.7	250	820.25	17.20	249



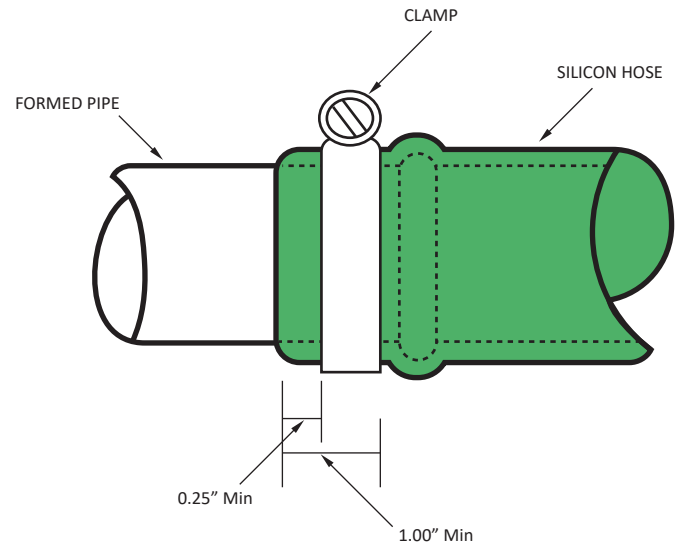
PART NUMBER	ID		LENGTH		MIN. BURST	
	IN	MM	FT	M	BAR	PSI
ETC062HT-25	0.625	15.875	25	82.025	17.20	249
ETC062HT-50	0.625	15.875	50	164.05	17.20	249
ETC062HT-250	0.625	15.875	250	820.25	17.20	249
ETC075HT-25	0.75	19.05	25	82.025	13.80	200
ETC075HT-50	0.75	19.05	50	164.05	13.80	200
ETC075HT-250	0.75	19.05	250	820.25	13.80	200
ETC087HT-25	0.875	22.225	25	82.025	12.10	175
ETC087HT-50	0.875	22.225	50	164.05	12.10	175
ETC087HT-200	0.875	22.225	200	656.2	12.10	175
ETC100HT-25	1	25.4	25	82.025	12.10	175
ETC100HT-50	1	25.4	50	164.05	12.10	175
ETC100HT-100	1	25.4	100	328.1	12.10	175

GreenJay™

Fit and Clamping

The below guidelines follow TMC RP 332 C

- Hose should be snug on pipe and not loose.
- If needed, lubricate with water and mild liquid soap solution. Do NOT lubricate hoses with ethylene glycol, propylene glycol, or petroleum-based products.
- DO NOT over tighten clamps.
- Leave a minimum of 0.25in open from clamp to end of hose.
- Clamp straight around hose. DO NOT clamp on pipe bead.
- Contact us for about the necessary clamps for your application.



For the JAY20™ Series, the following clamps and torque values are recommended:

Clamp Type	Description	Torque (in.-lbs.)
PCL - XXXWS	Wave Seal 360™ Heavy-Duty Constant tension clamp	40
PCL-XXXCT	Constant torque with 9/16\" or 5/8\" band	70 - 90
PLC-XXXTB-S	Vibration resistant spring-loaded T-Bolt	60-70

See TMC RP 332 C for more information