

Green Stripe® straight coolant hoses maximise your trucks' cooling system efficiency

Recognising the demands of trucks, buses and commercial vehicles, Gates developed a range of fleet and heavy-duty products specifically designed and manufactured to assure reliable and trouble-free performance. Gates' heavy-duty range of cooling system components has now been extended with Green Stripe® straight coolant hose, a new hose offering long lasting service as radiator, heater and coolant transfer hose in highly demanding conditions.

1. Technologically advanced materials make Gates Green Stripe® straight coolant hose your first choice for cooling systems

Gates' new Green Stripe® straight coolant hose is a resistant and flexible radiator hose for general use on straight or slightly bent connections. Made of a special EPDM rubber compound, the hose is designed for excellent sealability and low water permeation and requires less maintenance.

Unlike ordinary EPDM rubber hose, Gates Green Stripe® straight coolant hose resists the effects of electrochemical degradation, one of the primary causes of hose failures in the field. This phenomenon occurs because different kinds of metals in the cooling system generate an electrical charge, which is carried from one component to another by the coolant. In case of a high concentration this electrical charge will affect the hose tube, eventually causing the hose to fail. In order to address the damage caused by electrochemical degradation, Gates developed an advanced ECR (electrochemical resistant) rubber compound, so that Green Stripe® straight coolant hose show no electrochemical degradation effect.

This new hose is compatible with a variety of coolant concentrates, and it maintains the proper ratio of water-to-coolant concentrate for a longer time, because it resists permeation of water molecules through the hose wall. This reduces maintenance costs for topping off the radiator and the need to preserve a proper water/antifreeze balance.



The polymers in Gates Green Stripe® straight coolant hose provide a better bond to stems and connectors, which reduces cold coolant leaks. The hose is highly durable because it is less prone to cuts and cover abrasion, and clamps are not likely to compress into the cover.



2. Features

- 2-ply bias fabric construction to maximise flexibility and strength.
- High-performance, high temperature resistant aramid reinforcement.
- Resists “cold water leaks” thanks to an advanced EPDM tube that stays soft and pliable, even under adverse operating conditions.
- Reduces water loss from water permeating the hose wall and cover.
- Engineered to resist electrochemical degradation – one of the leading causes of hose failure.
- Resistant to weathering, ozone, heat, coolants and oil.
- Ambient temperature range: -40°C to +135°C.
- Meets requirements of SAE 20R1 type EC, class D, standard wall.
- Available in 1 m lengths, cover is marked in 1 cm increments to facilitate customer-fit installation.

3. Gates Green Stripe® straight coolant hose range is available in 23 references to cover the majority of heavy-duty coolant applications.

Product N°			
	mm	inch	
4168-08019	19	3/4	0.70
4168-08022	22	7/8	0.70
4168-08025	25	1	0.70
4168-08029	29	1-1/8	0.70
4168-08032	32	1-1/4	0.70
4168-08035	35	1-3/8	0.70
4168-08038	38	1-1/2	0.70
4168-08041	41	1-5/8	0.60
4168-08044	44	1-3/4	0.53
4168-08048	48	1-7/8	0.53
4168-08051	51	2	0.42
4168-08054	54	2-1/8	0.42
4168-08057	57	2-1/4	0.42
4168-08060	60	2-3/8	0.42
4168-08064	64	2-1/2	0.42
4168-08067	67	2-5/8	0.42
4168-08070	70	2-3/4	0.46
4168-08073	73	2-7/8	0.39
4168-08076	76	3	0.18
4168-08083	83	3-1/4	0.14
4168-08089	89	3-1/2	0.13
4168-08102	102	4	0.08
4168-08114	114	4-1/2	0.08

For a perfect seal, use Gates hose clamps in combination with Gates Flexi Driver. See also our catalogue E2/70326.

Your distributor:

