

SAE 100R4 Suction hose for railway application



Features

- Meets SAE 100R4 specification
- Compliant with EN45545-2 standard meeting HL1 /R22 and HL2 /R23
- Very flexible and easy to install
- Improved flexibility allows more routing options and minimizes overall length
- Continuous working temperature up to +125°C
- Qualified with Eaton Global OTC fittings (up to size-32 only)

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Part number	Hose I.D			Hose O.D. max		Max operating pressure		Burst pressure		Minimum bend radius		Vacuum	Weight	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	bar	kg/m	lbs/ft
EC190-12	19	19.0	0.75	32.6	1.28	21	305	84	1220	40	1.57	-0.80	0.83	0.56
EC190-16	25	25.4	1.00	38.2	1.50	17	245	68	980	45	1.77	-0.80	0.97	0.65
EC190-20	31	32.0	1.26	46.0	1.81	14	205	56	820	60	2.36	-0.80	1.29	0.87
EC190-24	38	38.0	1.50	52.4	2.06	10	145	40	580	65	2.56	-0.80	1.66	1.12
EC190-32	51	50.8	2.00	66.0	2.60	7	100	28	400	100	3.94	-0.80	2.37	1.59
EC190-40*	63	63.5	2.50	79.1	3.11	4	60	16	240	140	5.51	-0.80	2.92	1.96
EC190-48*	80	76.2	3.00	95.0	3.74	4	60	16	240	180	7.09	-0.80	4.18	2.81

Construction

- Synthetic rubber inner tube
- High tensile synthetic textile, steel helix wire and antistatic copper strand
- Black fire retardant synthetic rubber cover

* Available as bulk hose only

Temperature range

- -40°C to +125°C*
- (-40°F to +275°F)
- Air max +75°C(+165°F)
- Water max +85°C(+185°F)
- Water Glycol emulsion max +95°C (+203°F)

* Short term up to +130°C (+266°F)

Applications

For use in Railway in suction applications for petroleum, lubricating oils, fuel, gasoline, air, water and water glycol.

Agency listings

EN45545-2

Approved fittings

Eaton Global OTC



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