

# SCR Hose

## Electrically Heated, On-vehicle DEF Dosing System Hose

Patented heated hose technology designed for heating and conveying DEF (Diesel Exhaust Fluid) throughout the SCR system on commercial vehicles.



### Features

- Nylon and EPDM core tubes reinforced for strength and flexibility
- Helically-wrapped heating wires
- Extruded abrasion resistant jacket
- Heated fittings with protective overmolding
  - Protection against water ingress and damage of electrical components
  - Bolsters fitting strength and impact resistance
- Optional heat/abrasion shield
- 100% electrically tested, pressure tested, and cleaned before shipped
- Available in 12VDC, 24VDC, and unheated

### Compliance

- IATF 16949
- ISO 14001
- IP6X, IPX8, and IPX9K

### Notes

- Standard lengths available in 500 mm increments, ranging from 500 mm (0.5 m) O.A.L. through 6000 mm (6.0 m) in most configurations
- Temperature Range:
  - EPDM Temperature Range: -40°F (-40°C) to 248°F (120°C)
  - Nylon Temperature Range: -40°F (-40°C) to 248°F (120°C)



U.S. Patent No. **8,819,922**

Check [www.scrhose.com](http://www.scrhose.com) for product updates



#### WARNING

This product can expose you to chemicals including Carbon-black extracts, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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### Series SCR - DEF Transfer Hose

Core Tube Material	I.D.		O.D.		With Heat /Abrasion Shield (optional)		Maximum Operating Pressure		Vacuum Resistance		Bend Radius	
	mm	inch	mm	inch	mm	inch	psi	bar	inch/Hg	bar	mm	inch
EPDM	4.0	.157	14.5	.571	21.0	.827	174	12.0	14.8	500	30.0	1-3/16
	5.5	.217	14.5	.571	21.0	.827	174	12.0	14.8	500	40.0	1-9/16
Nylon	6.0	.236	14.0	.551	21.0	.827	150	10.3	8.9	300	40.0	1-9/16

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### CUSTOM OPTIONS AVAILABLE

SCR options include, but are not limited to:

- different electrical connectors, including options for heat and abrasion shield over lead wires;
- 1/4, 5/16, and 3/8 fittings; wide variety of lengths;
- 12V or 24V

Parflex also has designs for other sizes and core tubes for SCR hoses. These designs ensure that Parflex hoses can be utilized on SCR systems from multiple suppliers.

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A Hose

B Tubing

C Coiled Air Hose & Fittings

D Transportation

E Fittings

F Tooling, Equipment & Accessories

G General Technical