



Thermoid®

Thermoid / HBD
AUTOMOTIVE HOSES



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Every product is toughness tested and performance proven. HBD / Thermoid® products hold a position of preeminence in the automotive field, the result of a firm commitment to excellence and a legacy of innovation. For trouble-free service, extra-long performance life, and exceptional value, nothing surpasses HBD / Thermoid® automotive hose.



Image	Product	I.D. (in.)	Temperature (°F) and/or W.P. (psi)	TUBE	COVER	APPLICATION
Heater and Coolant Hose						
	Heater - Black OEM and Black Standard	1/2 to 1	OEM: -40° to +257° Standard: -40° to +212°	EPDM	Black; EPDM	Replacement hose for most cars and light trucks: Premium (similar to SAE20R3 Class D2, SAE J2387); Standard (similar to SAE20R3). Withstands the abuse of corrosive solutions and additives. Resists weathering to provide long, trouble-free service life.
	Heater - Red Premium and Red Standard	1/2 to 3/4	OEM: -40° to +257° Standard: -40° to +212°	EPDM	Red; EPDM	Replacement hose for most cars and light trucks: Premium (similar to SAE20R3 Class D2, SAE J2387); Standard (similar to SAE20R3). Withstands the abuse of corrosive solutions and additives. Resists weathering to provide long, trouble-free service life.

	Thermal Heavy Duty Heater - Red Premium and Red Standard	Premium: 1/2 to 3/4 Standard: 1/2 to 1	Premium: -40° to +257° Standard: -40° to +212°	EPDM	Red; EPDM	Replacement hose for most cars and light trucks: Premium (similar to SAE20R3 Class D2, SAE J2387); Standard (similar to SAE20R3). Withstands the abuse of corrosive solutions and additives. Resists weathering to provide long, trouble-free service life.
	Heavy Duty Truck and Bus Heater	5/8 to 1	-40° to +212°	EPDM	Black; EPDM	Heavy-duty heater hose for bus, truck and heavy equipment service. Similar to SAE20R3, Class R, Grade 1A. Resists weathering.
	90 Degree Formed Heater	5/8 to 3/4	-40° to +257°	EPDM	Black; EPDM	OEM grade replacement heater hose (meets SAE20R3 Class D2, SAE J2387 specs); may be cut to fit any pre-formed applications on most cars and light trucks.
	Super-Silicone Heater	3/8 to 1-1/4	-65° to +350°	Silicone	Blue; Silicone	Special heater hose built to meet the most extreme heavy-duty truck and special equipment applications, with resistance to oils, coolants, ozone, and cooling system additives.
	Silicone Radiator Coolant	3/4 to 2-1/2	-65° to +350°	Silicone	Blue; Silicone	Premium low-pressure coolant and heater connector. Resists aging, ozone, chemicals and lubricants.
	General Purpose Radiator Coolant	1 to 2	0° to +212°	Nitrile/SBR Blend	Black; Nitrile/SBR Blend	General purpose, low pressure coolant and heater connector built for long-lasting performance. Resists aging, ozone, chemicals and lubricants.
Fuel Line and PCV Hose						
	Fuel Line - Premium (SAE30R7) and Standard (SAE30R6)	3/16 to 7/16	Premium: -40° to +257° (+302° intermittent) Standard: -40° to +212°	Nitrile	Black; Nitrile/PVC	Designed for conveying most modern fuels in automobiles, trucks, buses, etc. Exceeds SAE burst requirements (Premium: SAE30R7; Standard: SAE30R6).




	FI-Plus Fuel Injection (SAE30R9)	1/4 to 3/8	-29° to +275° (+302° intermittent)	Fluoroelastomer	Black; CSM	Designed for extremely high temps generated by fuel-injected engines, with a burst pressure rating of 900 psi. Handles leaded, unleaded, alcohol-added, diesel and extended gasolines, resisting sour gas oxidation.
	Gas Tank Filler	1-1/2 to 2	+257°	Nitrile	Black; Polychloroprene	Connects gas tank and filler neck on automobiles. Handles leaded, unleaded, diesel, alcohol-added, and most modern fuels. Resists heat, weathering, abrasion and ozone.
	Crankcase Ventilation	1 1/32 to 1 9/32	+257°	Nitrile	Black; CSM	Low pressure hose built to handle gasoline vapor carbon monoxide exhaust fumes and engine heat. Cover resists oil, grease, abrasion and ozone, providing extended service life.

Air and Shop Hose




	Service Station Air	1/4	250 psi; -40° to +212°	EPDM or PVC	Red; EPDM or PVC	Designed for service stations and shop applications.
	Yellow Nylon Coil Air	1/4 to 3/8	200 psi; -10° to +150°	Nylon	Yellow; Nylon	Withstands up to 200 psi. Lightweight, permanently coiled hose recoils to a fraction of its full length, protecting tools from damage.
	Impact Tool Air	3/8	250 psi; -40° to +212°	EPDM or PVC	Red; EPDM or PVC	Designed for service station and shop applications.
	Heavy Duty Impact Air Tool	1/2	250 psi; -40° to +212°	EPDM or PVC	Red; EPDM or PVC	Designed for service station and shop applications.
	Heavy Duty Air	1/2 to 1	200 to 300 psi; -40° to +212°	EPDM	Red; EPDM	Multi-purpose hose designed for tough general service air and water applications. Four-spiral reinforcement keeps hose kink-resistant and flexible. Resistant to abrasion, weathering and ozone.



	Flex-Loc Push On Air	1/4 to 3/4	250 psi; -30° to +160° (+180° intermittent)	Nitrile	Black, Blue, Gray, Green, Red or Yellow; Nitrile/PVC Blend	Usable by all industries with a Class A high oil-resistant tube and cover. Excellent coupling retention; fitting will not give, even under full working pressure.
	Yellow PVC Air	1/4 to 3/8	300 psi; -10° to 150°	PVC	Yellow; PVC	Medium high resistant PVC tube and cover resists abrasion and kinking. Superior durability and excellent flexibility. Available coupled or uncoupled. Coupled lengths include attractive advertising disk for retail sales.

Water and Garden Hose

	Garden – Green and Red	5/8	-40° to +180°	EPDM	Green or Red; EPDM	Handles city water pressure with ease. Resists abrasion, sunlight, cracking and weather checking. Remains flexible in cold weather. Resists kinking. Coupled with solid brass full flow fittings.
	Black Heavy Duty Wash Rack	5/8 to 3/4	-40° to +180°	EPDM	Black; EPDM	Rugged professional quality hose designed for service station and shop applications. Flexible and kink-proof even in extreme temperatures and applications.
	Red Premium Hot Water Wash Rack	5/8 to 3/4	-40° to +180°	EPDM	Red; EPDM	Rugged professional quality hose designed for service station and shop applications. Flexible and kink-proof even in extreme temperatures and applications.





Service Hose

	Driveway Signal Call Tubing	3/8	-40° to +250°	EPDM	–	For service station bell service; resists abrasion, weathering and ozone.
	Multipurpose Clear Vinyl Tubing	5/32 to 5/16	-10° to +150°	PVC	–	Non-reinforced, clear, soft, flexible yet durable 100% vinyl tubing for low pressure service. Will not handle gasoline, oils or corrosive material
	Garage Exhaust Hose, Adapters & Connectors	2 to 5	Up to +600°	Special Rubber Compound	–	Patented molded construction assures free flow of exhaust fumes and full conformance to OSHA standards. Maintains 250% elongation and 1750 lbs. tensile strength even after crushing by a vehicle. Hose sections may be quickly and effectively

							joined. Connectors and adapters available for a complete shop installation.
							

Miscellaneous Automotive Hose

	Windshield Wiper & Vacuum Tubing	3/32 to 9/32	-40° to +257°	EPDM	–		Low-pressure EPDM tubing for windshield washers, vacuum-operated accessories, and emission systems. Meets SAE J1037 specs. Maintains its flexibility even at low temperatures.
	Transmission Oil Cooler	5/16 to 3/8	175°	NBR	Black; CR		For circulating transmission fluid at high temps. SAE J1532.
	Power Steering Return	3/8	–	NBR	Black; CR		For return side only. Meets SAE J189 specs.
	Carburetor Pre-Heater	3/4 to 2; also, 40mm to 60mm	–	Aluminum	Aluminum		Flexible, air-tight plied aluminum withstands underhood heat. Excellent flexibility. Flame and corrosion resistant. Easily cut with a sharp knife.
	Air Brake	3/8 to 1/2	-40° to +200°	SOR	Black; SOR		Designed for conveying air in truck and industrial trailer brake systems. Meets SAE J1402 and D.O.T. FMVSS 106 requirements. Synthetic oil resistant tube and cover with four-spiral polyester reinforcement makes it virtually kink-proof and keeps it flexible even in extreme temperatures.
	Radiator Overflow Tubing	5/16 to 3/8	-40° to +250°	EPDM	–		Low-pressure tubing resists radiator system additives. Meets SAE J1037 specs. Remains flexible in cold weather.

	Fresh Air Intake	2-7/32 to 5-1/4	-40° to +250°	Thermoplastic Alloy	–	Flexible connector between air cleaner and chassis provides air flow for ventilation. Fitted with special clamps for ease of installation.
	Fresh Air / Defroster / AC Duct	2 to 3	-40° to +200°	Special Coated Fabric	–	Lightweight hose for defroster, fresh air duct, and air conditioner applications. Exceeds OEM specifications.
	Silicone Bellows	4	-65° to +550°	Silicone	Blue; Silicone	Air-to-air intercooled turbo hump hose bellow designed to meet the requirements of the OE manufacturers.
	Silicone Turbo Sleeves	3-3/8 to 4	Up to 15 psi or vacuums of 30 in. of Hg; -65° to +550°	Silicone	Blue; Silicone	Provides a high quality long-lasting connection between the turbo charger and the engine.