



HOSETEC

PERFORMANCE. RELIABILITY. QUALITY.

AUTOMOTIVE & INDUSTRIAL CATALOGUE

BTI AFTERMARKET DIVISION



QUALITY
YOU CAN TRUST



ENGINEERED FOR
PERFORMANCE



BUILT TO LAST.
BUILT FOR YOU.



TRUCKS



BUSES



TRAILERS



INDUSTRIAL



AFTERMARKET
SOLUTIONS

PERFORMANCE IN **EVERY** CONNECTION.

www.hosetec.co.za

Radiator Hoses

Moulded Radiator Hose

Designed to O.E. specifications and meet SAEJ20R4 standards. Knitted reinforcement and EPDM construction gives high strength and resistance to heat, ozone attack and all recommended coolants. Designed to carry engine coolant between cooling system components while matching the exact routing of a specific vehicle.



Moulded Branch Hose

Pre-formed rubber coolant hose with one or more integrated side outlets (branches) manufactured to distribute coolant flow between multiple components Within a vehicle's cooling system while matching the exact route of a specific Application.



90° Bend Universal Hose

Rubber hose with a fixed right-angle bend, designed for general automotive fluid transfer applications where a sharp change in direction is required and a vehicle-specific moulded hose is not necessary.

I.D.	Leg Size
13 mm	180 mm
16 mm	180 mm
20 mm	180 mm
25 mm	180 mm
32 mm	180 mm
38 mm	180 mm
45 mm	260 mm
50 mm	280 mm
57 mm	280 mm
65 mm	340 mm



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STRAIGHT RADIATOR HOSE

Cover a wide range of passenger car, commercial, truck, tractor and industrial applications. The hose is reinforced with rayon knit and will withstand heat, ozone attack and all recommended coolants.



Part No.	Inside Diam.	Burst Pressure	Working Pressure
S13	13	1100 kPa	370 kPa
S16	16	1100 kPa	370 kPa
S20	20	1000 kPa	330 kPa
S22	22	1000 kPa	330 kPa
S25	25	900 kPa	300 kPa
S28	28	4500 kPa	1500 kPa
S32	32	4050 kPa	1350 kPa
S35	35	3650 kPa	1215 kPa
S38	38	3350 kPa	1130 kPa
S42	42	3100 kPa	1030 kPa
S45	45	2900 kPa	960 kPa



Part No.	Inside Diam.	Burst Pressure	Working Pressure
S48	48	2700 kPa	900 kPa
S50	50	2500 kPa	850 kPa
S54	54	2350 kPa	800 kPa
S57	57	2250 kPa	750 kPa
S60	60	2100 kPa	700 kPa
S63	63	2000 kPa	665 kPa
S70	70	1800 kPa	600 kPa
S76	76	1650 kPa	550 kPa
S83	83	1550 kPa	515 kPa
S89	89	1450 kPa	480 kPa

FLEX HOSE

Precision moulded in uniform lengths. Materials used resist ozone attack, high heat and all coolants used in modern day engines. Knit ply reinforcement prevents splitting, ballooning and elongating. The inserted spring coil allows for extreme flexing and prevents collapse.



Part No.	Inside Diam. & Length (mm)
RX25-1	25 X 230
RX25-2	25 X 315
RX32-1	32 X 185
RX32-3	32 X 245
RX32-4	32 X 440
RX36-1	38 X 145
RX36-2	38 X 195
RX36-3	38 X 275
RX36-4	38 X 310
RX36-5	38 X 350



Part No.	Inside Diam. & Length (mm)
RX36-6	38 X 400
RX36-7	38 X 440
RX36-8	38 X 505
RX36-9	38 X 635
RX44-1	44 X 155
RX44-2	44 X 220
RX44-3	44 X 285
RX44-4	44 X 355
RX44-5	44 X 420
RX44-6	44 X 495
RX44-7	44 X 595



Part No.	Inside Diam. & Length (mm)
RX50-0	50 X 230
RX50-1	50 X 255
RX50-2	50 X 310
RX50-3	50 X 360
RX50-4	50 X 440
RX50-6	50 X 470
RX50-7	50 X 510
RX50-8	50 X 610
RX57-1	57 X 610
RX66-750	66 X 750



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HEATER HOSE (HH)

Heater Hose is designed as an economical replacement for O.E. heater hose on auto and truck cooling system applications. HY-T Heater Hose is constructed of synthetic rubber tube and covered with two spiral layers of fibre reinforcement. Operation temperature range is -40 °C to +125 °C. Similar to SAE 20R3 Class D2.



Part No.	Inside Diam.	Working Pressure	Minimum Burst
HH 13 X 15 M	13 mm	450 kPa	1720 kPa
HH 16 X 15 M	16 mm	450 kPa	1720 kPa
HH 20 X 15 M	20 mm	344 kPa	1379 kPa



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PERFORMANCE



BUILT TO LAST.
BUILT FOR YOU.

HOSE**TEC**

FUEL HOSE

SPEC: SAE J30 R6/R7

- **Temperature:**
-40°C ~ +125°C (-40°F ~ +257°F)
- **Tube:** NBR synthetic rubber
- **Reinforcement:** High Tensile Braided
- **Cover:** NBR and Environment Resistant Synthetic Rubber
- **Surface:** Smooth surface and cloth wrapped
- **Application:** Gasoline Engine , Diesel Engine , Mechanical Lubrication System
- **Standard:** SAE J30R6/R7/DIN 73379 Type 2A



SAE J30R6 R7 R8 R9 R10		FUEL HOSE					
							
Inch	Spec	I.D. mm	O.D. mm	Working Pressure		Burst Pressure	
				MAX W.Mpa	MAX W.Psi	MIN B.Mpa	MIN B.Psi
1/8"	3.0 x 7.0	3.0 ± 0.15	7.0 ± 0.20	2.06	300	8.27	1200
1/4"	6.0 x 12.0	6.0 ± 0.20	12.0 ± 0.40	2.06	300	8.27	1200
19/64"	7.5 x 14.5	7.5 ± 0.30	14.5 ± 0.30	2.06	300	8.27	1200
5/16"	8.0 x 14.0	8.0 ± 0.30	14.0 ± 0.40	2.06	300	8.27	1200
3/8"	9.5 x 17.0	9.5 ± 0.30	17.0 ± 0.50	2.06	300	8.27	1200
13/32"	10.0 x 17.0	10.0 ± 0.30	17.0 ± 0.50	2.06	300	8.27	1200

FEATURES



- ✓ High Adhesion
- ✓ Low Penetration
- ✓ Excellent Gasoline Resistance
- ✓ Aging Resistance
- ✓ Good Tensile Strength
- ✓ Good Bending Properties at Low Temperature

APPLICABLE LIQUID

Gasoline, Diesel, Hydraulic and Machinery oil, and Lubricating oil, E10, E20, E55, E85 for passenger cars, diesel vehicles and other fuel supply system.



AIR BRAKE HOSE



SPEC: SAE J1402

- **Temperature:**
-40°C ~ +150°C
(-40°F ~ +302°F)
- **Tube:** Special rubber formula with perfect brake fluid compatibility – NBR
- **Reinforcement:** High tensile braided fiber–PET
- **Cover:** EPDM–synthetic rubber
- **Surface:** Smooth surface and cloth wrapped
- **Application:** Truck/Bus
- **Standard:** SAE J1402/GB16897/DOT(FMVSS 106)
- **Certificate:** 3C/DOT



Excludes
hose
fittings

HOSETEC
GB16897
SAE J1402

							
Inch	Spec	I.D (mm)	O.D (mm)	Working Pressure MAX W.Mpa	Working Pressure MAX W.Psi	Burst Pressure	
						MIN B.Mpa	MIN B.Psi
3/8"	10 × 17	10.0 ± 0.30	17.0 ± 0.40	3.0	435	18.0	2610
3/8"	10 × 19	10.0 ± 0.30	19.0 ± 0.40	3.0	435	18.0	2610
1/2"	13 × 22	13.0 ± 0.30	22.0 ± 0.50	2.0	290	12.0	1740
5/8"	16 × 24	16.0 ± 0.40	24.0 ± 0.50	1.6	230	9.0	1300



FEATURES



- ✓ High Pressure Resistance
- ✓ High Tensile Strength
- ✓ Excellent Resistance of Heat
- ✓ Cold Resistance
- ✓ Oil Resistance
- ✓ Aging Resistance
- ✓ Abrasion Resistance
- ✓ Ozone Resistance
- ✓ Excellent Flexibility
- ✓ Bursting Resistance
- ✓ Reliable Braking Effects



APPLICATION



Truck



Bus



Trailer

Suitable for air brake systems in:

- ✓ Trucks
- ✓ Buses
- ✓ Trailers
- ✓ Commercial Vehicles



HYDRAULIC BRAKE HOSE

SPEC: SAE J1401

- **Temperature:**
-40°C ~ +125°C
(-40°F ~ +257°F)
- **Tube:** Special rubber formula with perfect brake fluid compatibility – EPDM
- **Reinforcement:** High tensile braided fiber–PET
- **Cover:** EPDM–synthetic rubber
- **Surface:** Ribbed surface
- **Application:** Truck • car or Motor
- **Standard:** SAE J1401/GB16897/FMVSS106
- **Certificate:** 3C/DOT



Excludes
hose
fittings

HOSETEC		DOT	GB16897	SAE J1401		
						
Inch	Spec	I.D (mm)	O.D (mm)	W.D (mm)	Burst Pressure	
					MIN B.Mpa	MIN B.Psi
1/8"	3.2×10.2	3.35±0.20	10.20±0.30	0.25	85.0	12300
1/8"	3.2×10.5	3.35±0.20	10.50±0.30	0.25	85.0	12300
1/8"	3.2×12.5	3.35±0.20	12.5±0.30	0.25	80.0	11600
3/16"	4.8×12.5	4.80±0.20	12.5±0.30	0.30	60.0	8700
1/4"	6.3×15.0	6.30±0.20	15.0±0.30	0.30	50.0	7250



FEATURES



- ✓ High Pressure Resistance
- ✓ Lower Volume Expansion
- ✓ High Tensile Strength
- ✓ Excellent Resistance of Heat
- ✓ Cold Resistance
- ✓ Aging Resistance, Abrasion Resistance
- ✓ Ozone Resistance
- ✓ Excellent Flexibility
- ✓ Bursting Resistance
- ✓ Reliable Braking Effects



APPLICATION



Truck



Car



Motor

Suitable for conveying organic solvents in industrial equipment such as:

- Diluent
- Xylene
- Solvent Gasoline



FORMED A/C HOSE

SPEC: SAE J2064 TYPE C

- **Working Temperature:** -40°C ~ +140°C
(-40°F ~ +284°F)
- **Tube:** EPDM / CR / IIR
- **Barrier:** PA / NYLON
- **Friction:** EPDM / CR / IIR
- **Reinforcement:** PET / PVA
- **Cover:** EPDM / IIR
- **Surface:** Smooth Surface
- **Standard:** SAE J2064 / SAE J3062



SAE J2064 TYPE C

								
Inch	Spec	I.D (mm)	O.D (mm)	Wall Thickness (mm)	Working Pressure		Burst Pressure	
					MAX W.Mpa	MAX W.Psi	MIN B.Mpa	MIN B.Psi
5/16"	7.9 × 14.7	7.9 ± 0.2	14.7 ± 0.3	3.4	3.5	500	22	3000
13/32"	10.3 × 17.3	10.3 ± 0.2	17.3 ± 0.3	3.5	3.5	500	22	3000
1/2"	12.7 × 19.4	12.7 ± 0.2	19.4 ± 0.3	3.4	3.5	500	22	3000
5/8"	15.9 × 23.6	15.9 ± 0.2	23.6 ± 0.3	3.9	3.5	500	22	3000



FEATURES

- ✓ Low Permeability
- ✓ Pulse-Resistant
- ✓ Aging Resistance
- ✓ Ozone Resistance
- ✓ Shock Resistance



REFRIGERANT

R134a
 R404a
 R1234yf



FUEL INJECTION HOSE

SPEC: SAE J30R9

- Working Temperature:
-40°C ~ +150°C
(-40°F ~ +302°F)
- Tube: FKM
- Reinforcement: Aramid
- Cover: ECO
- Surface: Smooth surface
and cloth wrapped
- Application: Auto and truck
fuel injection systems
- Standard: SAE J30R9



SAE J30R9		FUEL INJECTION HOSE					
							
Inch	Spec (mm)	I.D. (mm)	O.D. (mm)	Working Pressure		Burst Pressure	
				MAX W.Mpa	MAX W.Psi	MIN B.Mpa	MIN B.Psi
1/8"	3.2 x 9.0	3.0 ± 0.15	9.0 ± 0.20	2.06	300	8.27	1200
5/32"	4.0 x 10.0	4.0 ± 0.15	10.0 ± 0.20	2.06	300	8.27	1200
3/16"	4.8 x 11.0	4.8 ± 0.20	11.0 ± 0.40	2.06	300	8.27	1200
1/4"	6.3 x 12.7	6.3 ± 0.30	12.7 ± 0.30	2.06	300	8.27	1200
5/16"	8.0 x 14.0	8.0 ± 0.30	14.0 ± 0.40	2.06	300	8.27	1200
3/8"	9.5 x 16.0	9.5 ± 0.30	16.0 ± 0.50	2.06	300	8.27	1200
15/32"	12.0 x 19.0	12.0 ± 0.30	19.0 ± 0.50	2.06	300	8.27	1200
1/2"	12.7 x 20.0	12.7 ± 0.40	20.0 ± 0.50	2.06	300	8.27	1200
5/8"	16.0 x 24.0	16.0 ± 0.40	24.0 ± 0.50	1.03	150	4.12	600
3/4"	19.0 x 28.8	19.0 ± 0.40	28.8 ± 0.50	1.03	150	4.12	600
1"	25.4 x 35.0	25.4 ± 0.50	35.0 ± 0.60	1.03	150	4.12	600

FEATURES



- ✓ High Adhesion
- ✓ Low Penetration
- ✓ Excellent Gasoline Resistance
- ✓ Aging Resistance
- ✓ Good Tensile Strength
- ✓ Good Bending Properties at Low Temperature

APPLICABLE LIQUID

Gasoline, Diesel,
Bio-diesel, E-85,
Ethanol extended
gasoline



HIGH PRESSURE POWER STEERING HOSE

SPEC: SAE J188

- **Temperature:**
-40°C ~ +150°C
(-40°F ~ +302°F)
- **Tube:** Oil resistance synthetic rubber (CSM)
- **Reinforcement:** High tensile fiber braided (PA)
- **Cover:** Synthetic rubber with excellent aging resistance and weather ability (CSM)
- **Surface:** Smooth surface and cloth wrapped
- **Standard:** SAE J188



Excludes
hose
fittings

SAE J188		POWER STEERING OIL HOSE				
						
Inch	Spec	I.D. mm	O.D. mm	W.D. mm	Burst Pressure	
					MIN B.Mpa	MIN B.Psi
1/4"	6.3 x 14.5	6.3 ± 0.2	14.5 ± 0.3		65 – 85	9400 – 12300
5/16"	8.0 x 18.0	8.0 ± 0.2	18.0 ± 0.4		65 – 85	9400 – 12300
3/8"	9.5 x 18.5	9.5 ± 0.3	18.5 ± 0.4		65 – 85	9400 – 12300
3/8"	9.8 x 20.0	9.8 ± 0.3	20.0 ± 0.4		65 – 85	9400 – 12300
3/8"	9.8 x 18.5	9.8 ± 0.3	18.5 ± 0.4		65 – 85	9400 – 12300
3/8"	9.8 x 19.8	9.8 ± 0.3	19.8 ± 0.4		65 – 85	9400 – 12300
3/8"	10.0 x 20.0	10.0 ± 0.3	20.0 ± 0.5		65 – 85	9400 – 12300
1/2"	13.0 x 23.0	13.0 ± 0.5	23.0 ± 0.5		65 – 85	9400 – 12300
5/8"	16.0 x 26.0	16.0 ± 0.5	26.0 ± 0.5		55 – 75	8000 – 10900

FEATURES



- ✓ High Expansion
- ✓ High Pressure
- ✓ Pulse Resistance
- ✓ Decrease Vibration
- ✓ Ozone Resistance
- ✓ Reduce System Noise

APPLICATION

Auto power steering system



Power steering systems used in:

- ✓ Passenger Cars
- ✓ Light Trucks
- ✓ SUVs
- ✓ Commercial Vehicles

LOW PRESSURE POWER STEERING OIL HOSE

SPEC: SAE J189

- **Temperature:**
-40°C ~ +120°C
(-40°F ~ +248°F)
- **Tube:** NBR synthetic rubber
- **Reinforcement:** High tensile synthetic textile (PET)
- **Cover:** High quality CSM rubber
- **Surface:** Smooth surface and cloth wrapped
- **Standard:** SAE J189



Excludes
hose
fittings

SAE J189		>NBR<PET>EPDM				
						
Inch	Spec	I.D. mm	O.D. mm	Concentricity	Burst Pressure	
					MIN B.Mpa	MIN B.Psi
3/8"	9.5 x 17.0	9.5 ± 0.2	17.0 ± 0.3	<0.56	0.5 ~ 2.0	72.5 ~ 290.0
1/2"	13.0 x 22.0	13.0 ± 0.2	22.0 ± 0.4	<0.76	0.5 ~ 2.0	72.5 ~ 290.0
5/8"	16.0 x 24.0	16.0 ± 0.4	24.0 ± 0.5	<0.76	0.5 ~ 2.0	72.5 ~ 290.0

✓ FEATURES



- ✓ High Pressure
- ✓ Aging Resistance
- ✓ Pulse Resistance
- ✓ Ozone Resistance

🚗 APPLICATION

Auto power steering system



Power steering systems used in:

- ✓ Passenger Cars
- ✓ Light Trucks
- ✓ SUVs
- ✓ Commercial Vehicles

OIL COOLER HOSE

SPEC: SAE J1532

- **Temperature:**
-40°C ~ +170°C
(-40°F ~ +338°F)
- **Tube:** High Performance Formula (AEM)
- **Reinforcement:** High Tensile Braided Fiber
- **Cover:** High Performance Synthetic Rubber (AEM)
- **Surface:** Smooth surface and cloth wrapped
- **Application:** Transporting oil
to automatic transmission fluid
- **Standard:** SAE J1532 / GM 6260M / GMW1617



SAE J1532		TRANSMISSION OIL HOSE					
							
Inch	Spec	I.D. mm	O.D. mm	Working Pressure		Burst Pressure	
				MAX W.Mpa	MAX W.Psi	MIN B.Mpa	MIN B.Psi
5/16"	8.0 x 14.0	8.0 ± 0.20	14.0 ± 0.30	2.06	300	10.0	1450
13/32"	10.0 x 17.0	10.0 ± 0.30	17.0 ± 0.40	2.06	300	10.0	1450
1/2"	13.0 x 22.0	13.0 ± 0.40	22.0 ± 0.50	2.06	300	8.27	1200



FEATURES



- ✓ Oil Resistance
- ✓ Aging Resistance
- ✓ Corrosion Resistance
- ✓ Superior Heat Dissipation
- ✓ High and Low Temperature Resistance



APPLICABLE LIQUID

Dexron (II~V)



A/C HOSE (TYPE C)

SEVEN LAYER WINDING

SPEC: SAE J2064 TYPE C (4826-C)

- **Temperature:**
-40°C ~ +135°C
(-40°F ~ +275°F)
- **Tube:** EPDM
- **Barrier:** PA / NYLON
- **Friction:** EPDM
- **Reinforcement:** PET / PVA
- **Cover:** EPDM
- **Inner Tube:** EPDM
- **Application:** Auto and truck
A/C systems
- **Standard:** SAE J2064 /
SAE J3062 / QC/T664



HOSETEC

A/C R134a

SAE J2064 TYPE C

PREMIUM QUALITY

										
Inch	Spec	I.D. (mm)	O.D. (mm)	Wall Thk (mm)	Wall Diff (mm)	Working Pressure MAX W.P (bar)		Burst Pressure MIN B.P (bar)	Min. Bend Radius MIN B.R (mm)	Permeation (kg/m²/year)
5/16"	8.2x19.0	8.2 ± 0.2	19.0 ± 0.3	5.5	0.4	3.5	500	22.0 3200	55.0	1.9
13/32"	10.5x23.0	10.5 ± 0.2	23.0 ± 0.3	6.2	0.4	3.5	500	22.0 3200	65.0	1.9
1/2" A	13.0x25.4	13.0 ± 0.2	25.4 ± 0.3	6.2	0.4	3.5	500	22.0 3200	75.0	1.9
1/2" B	13.0x23.0	13.0 ± 0.2	23.0 ± 0.3	5.0	0.4	3.5	500	22.0 3200	70.0	1.9
5/8"	16.0x28.6	16.0 ± 0.2	28.6 ± 0.3	6.3	0.4	1.5	200	18.0 2600	85.0	1.9



FEATURES



- ✓ Low Permeability
- ✓ Pulse-Resistant
- ✓ Aging Resistance
- ✓ Ozone Resistance
- ✓ Shock Resistance



REFRIGERANT

Compatible with:

- R134a
- R404a
- R1234yf



A/C HOSE (TYPE E)

SPEC: SAE J2064 TYPE E

- Temperature:
-40°C ~ +135°C
(-40°F ~ +275°F)
- Tube: EPDM
- Barrier: PA / NYLON
- Friction: EPDM
- Reinforcement: PET / PVA
- Cover: EPDM
- Inner Tube: EPDM
- Application: Auto and truck
A/C systems
- Standard: SAE J2064 / SAE J3062 / QC/T664


HOSETEC
A/C R134a
SAE J2064 TYPE E
PREMIUM QUALITY

									
Inch	Spec	I.D. (mm)	O.D. (mm)	Wall Thk (mm)	Wall Diff (mm)	Working Pressure MAX W.P. (bar)	Burst Pressure MIN B.P. (bar)	Min. Bend Radius MIN B.R. (mm)	Permeation (kg/m ² /year)
5/16"	8.2x19.0	8.2 ± 0.2	19.0 ± 0.3	5.5	0.4	3.5 500	21.0 3000	55.0	1.6
13/32"	10.5x23.0	10.5 ± 0.2	23.0 ± 0.3	6.2	0.4	3.5 500	21.0 3000	65.0	1.6
1/2"A	13.0x25.4	13.0 ± 0.2	25.4 ± 0.3	6.2	0.4	3.5 500	22.0 3200	70.0	1.6
1/2"B	13.0x23.0	13.0 ± 0.2	23.0 ± 0.3	5.0	0.4	3.5 500	22.0 3200	70.0	1.6
5/8"	16.0x28.6	16.0 ± 0.2	28.6 ± 0.3	6.3	0.4	1.5 200	18.0 2600	85.0	1.6
Ø 8	8.2x15.2	8.2 ± 0.2	15.2 ± 0.3	3.5	0.4	3.5 500	21.0 3000	55.0	1.6
Ø 11.2	11.4x18.4	11.4 ± 0.2	18.4 ± 0.3	3.5	0.4	3.5 500	21.0 3000	65.0	1.6
Ø 13	12.8x20.8	12.8 ± 0.2	20.8 ± 0.3	4.0	0.4	3.5 500	22.0 3200	70.0	1.6
Ø 15.2	15.4x22.8	15.4 ± 0.2	22.8 ± 0.3	3.7	0.4	1.5 200	18.0 2600	85.0	1.6



FEATURES



- ✓ Low Permeability
- ✓ Pulse-Resistant
- ✓ Aging Resistance
- ✓ Ozone Resistance
- ✓ Shock Resistance



REFRIGERANT

Compatible with:

- R134a
- R404a
- R1234yf



BUILT TO PERFORM.
BUILT TO LAST.



QUALITY
MATERIALS



TESTED FOR
RELIABILITY



ENGINEERED FOR
PERFORMANCE

A/C HOSE (TYPE E)

SPEC: SAE J2064 TYPE E

- **Temperature:**
-40°C ~ +135°C
(-40°F ~ +275°F)
- **Tube:** EPDM
- **Barrier:** PA / NYLON
- **Friction:** EPDM
- **Reinforcement:** PET / PVA
- **Cover:** EPDM
- **Inner Tube:** EPDM
- **Application:** Auto and truck
A/C systems
- **Standard:** SAE J2064 /
SAE J3062 / QC/T664



HOSETEC

A/C R134a

SAE J2064 TYPE E

PREMIUM QUALITY

									
Inch	Spec	I.D. (mm)	O.D. (mm)	Wall Thk (mm)	Wall Diff (mm)	Working Pressure MAX W.P. (bar)	Burst Pressure MIN B.P. (bar)	Min. Bend Radius MIN B.R. (mm)	Permeation (kg/m ² /year)
5/16"	8.2x15.2	8.2 ± 0.2	15.2 ± 0.3	3.5	0.4	3.5 500	21 3000	55.0	1.6
13/32"	11.4x18.4	11.4 ± 0.2	18.4 ± 0.3	3.5	0.4	3.5 500	21 3000	65.0	1.6
1/2"	12.8x20.8	12.8 ± 0.2	20.8 ± 0.3	4.0	0.4	3.5 500	22 3200	70.0	1.6
5/8"	15.4x22.8	15.4 ± 0.2	22.8 ± 0.3	3.7	0.4	3.5 200	18 2600	85.0	1.6
3/4"	19.0x28.6	19.0 ± 0.2	28.6 ± 0.3	4.8	0.4	3.5 200	18 2600	85.0	1.6
7/8"	22.0x32.0	22.0 ± 0.2	32.0 ± 0.3	5.0	0.4	3.5 200	18 2600	85.0	1.6
9/8"	28.5x41.0	28.5 ± 0.2	41.0 ± 0.3	6.3	0.4	3.5 200	18 2600	85.0	1.6



FEATURES



- ✓ Low Permeability
- ✓ Pulse-Resistant
- ✓ Aging Resistance
- ✓ Ozone Resistance
- ✓ Shock Resistance



REFRIGERANT

Compatible with:

- R134a
- R404a
- R1234yf



A/C HOSE (TYPE C)

SPEC: SAE J2064 TYPE C (A20 / A10)



- Temperature:
-40°C ~ +135°C
(-40°F ~ +275°F)
- Tube: EPDM
- Barrier: PA / NYLON
- Friction: EPDM
- Reinforcement: PET / PVA
- Cover: EPDM
- Standard: SAE J2064 /
SAE J3062 / QC/T664



Excludes
hose
fittings

HOSETEC
A/C R134a
SAE J2064 TYPE C
PREMIUM QUALITY

									
Inch	Spec	I.D (mm)	O.D (mm)	Wall Thk (mm)	Wall Diff (mm)	Working Pressure MAX W.P (bar)	Burst Pressure MIN B.P (bar)	Min. Bend Radius MIN B.R (mm)	Permeation (kg/m ² /year)
5/16"	8.2x18.0	8.2±0.2	19.0±0.3	5.5	0.4	35	210	55.0	1.9
13/32"	10.3x23.0	10.5±0.2	23.0±0.3	6.2	0.4	35	210	65.0	1.9
1/2" A	13.0x25.4	13.0±0.2	25.4±0.3	6.2	0.4	35	220	75.0	1.9
1/2" B	13.0x23.0	13.0±0.2	23.4±0.3	5.0	0.4	35	220	70.0	1.9
5/8"	16x28.6	16.0±0.2	28.6±0.3	6.3	0.4	15	180	85.0	1.9
Ø 8	8.2x15.2	8.2±0.2	15.2±0.3	3.5	0.4	35	280	55.0	1.9
Ø 11.2	11.4x18.4	11.4±0.2	18.4±0.3	3.5	0.4	35	220	70.0	1.9
Ø 13	13.0x21.0	13.0±0.2	21.0±0.3	4.0	0.4	35	200	75.0	1.9
Ø 15.2	15.2x23.0	15.2±0.2	23.0±0.3	3.9	0.4	35	180	85.0	1.9



FEATURES



- ✓ Low Permeability
- ✓ Pulse-Resistant
- ✓ Aging Resistance
- ✓ Ozone Resistance
- ✓ Shock Resistance



REFRIGERANT

Compatible with:

- R134a
- R404a
- R1234yf



REFRIGERATION HOSE

SPEC: SAE J2064 TYPE E



- **Temperature:**
-40°C ~ +140°C
(-40°F ~ +284°F)
- **Barrier:** PA / NYLON
- **Friction:** EPDM
- **Reinforcement:** PET / PVA
- **Cover:** EPDM
- **Application:** Conveying Organic Solvents from Industrial Equipment
- **Standard:** SAE J2064 / SAE J3062 / QC/T664

HOSETEC	R404a	SAE J2064 TYPE E DN	PREMIUM QUALITY
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Inch	I.D. (mm)	O.D. (mm)	Wall Thk (mm)	Wall Diff (mm)	Working Pressure MAX W.P. (psi)	Burst Pressure MIN B.P. (psi)	Min. Bend Radius MIN B.R. (mm)	Permeation (kg/m ² /year)
5/16"	8.2 ± 0.3	15.5 ± 0.4	3.65	0.4	5.0 725	35.0 5000	60.0	1.6
13/32"	10.7 ± 0.4	18.8 ± 0.5	4.05	0.4	5.0 725	30.0 4300	70.0	1.6
1/2"	13.0 ± 0.4	21.5 ± 0.5	4.25	0.4	5.0 725	28.0 4000	75.0	1.6
5/8"	16.1 ± 0.4	24.1 ± 0.5	4.0	0.4	5.0 725	28.0 4000	85.0	1.6
3/4"	18.5 ± 0.5	27.5 ± 0.5	4.5	0.5	5.0 725	25.0 3600	100.0	1.6
1"	25 ± 0.5	35 ± 0.5	5.0	0.5	5.0 725	25.0 3600	100.0	1.6



FEATURES



- ✓ Low Permeability
- ✓ Pulse-Resistant
- ✓ Aging Resistance
- ✓ Ozone Resistance
- ✓ Shock Resistance



REFRIGERANT & LIQUID

Refrigerant:

R404a, R410, R1234yf

Applicable Liquid:

Diluent, Xylene,
Solvent Gasoline



ULTRA LOW VOLUMETRIC EXPANSION HYDRAULIC BRAKE HOSE

SPEC: FMVSS106

- **Temperature:**
-40°C ~ +150°C
(-40°F ~ +302°F)
- **Tube:** Special rubber formula
with perfect brake fluid
compatibility – EPDM
- **Reinforcement:** PVA
- **Cover:** EPDM–synthetic rubber
- **Surface:** Ribbed Surface
- **Application:** Car
- **Standard:** FMVSS106 / SAE J1401
- **Certificate:** 3C/DOT



Excludes
hose
fittings

HOSETEC

DOT

FMVSS106

PREMIUM QUALITY

						
Inch	Spec	I.D. mm	O.D. mm	W.D. mm	Burst Pressure	
					MIN B.Mpa	MIN B.Psi
1/8"	3.2 × 10.2	3.35 ± 0.20	10.20 ± 0.30	0.25	85.0	12300
1/8"	3.2 × 10.5	3.35 ± 0.20	10.50 ± 0.30	0.25	85.0	12300
1/8"	3.2 × 10	3.35 ± 0.20	10.0 ± 0.30	0.25	85.0	12300



FEATURES



- ✓ High Pressure Resistance
- ✓ Ultra Lower Volume Expansion
- ✓ High Tensile Strength
- ✓ Excellent Resistance of Heat
- ✓ Cold Resistance
- ✓ Aging Resistance
- ✓ Abrasion Resistance
- ✓ Ozone Resistance
- ✓ Excellent Flexibility
- ✓ Bursting Resistance
- ✓ Reliable Braking Effects

- ✓ High Pressure Resistance
- ✓ Ultra Lower Volume Expansion
- ✓ High Tensile Strength
- ✓ Excellent Resistance of Heat
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- ✓ Ozone Resistance
- ✓ Excellent Flexibility
- ✓ Bursting Resistance
- ✓ Reliable Braking Effects



BTI AFTERMARKET: RUBBER

The right hose. For every application. Built for the aftermarket.



PREMIUM QUALITY
Built to meet or exceed OEM specs



BUILT TO ENDURE
Resists heat, pressure, oil, chemicals & abrasion



RELIABLE PERFORMANCE
Tested for durability you can trust



WIDE APPLICATION
Designed for automotive, commercial & industrial use

PRODUCT	DESCRIPTION & USE	KEY FEATURES & BENEFITS	TYPICAL INDUSTRIES
1 MOULDED RADIATOR HOSES 	Engineered to fit specific applications. Transfers coolant between the radiator and engine to maintain optimal operating temperature.	- OEM fit and performance - High temperature & pressure resistant - Reinforced for strength & durability - Resistant to coolant, heat & ozone - Long service life	 AUTOMOTIVE  COMMERCIAL VEHICLES
2 UNIVERSAL 90° HOSES 	Multi-purpose 90° elbow hoses ideal for tight radius connections in cooling, air, and fluid transfer applications.	- Suitable for a wide range of applications - Excellent bend radius - High temperature & pressure rating - Reinforced for strength - Easy to install	 AUTOMOTIVE  COMMERCIAL VEHICLES  INDUSTRIAL
3 STRAIGHT RADIATOR HOSE 	Designed to carry coolant in radiator and engine systems. Used in a wide range of vehicles and equipment.	- High burst pressure resistance - Withstands high heat & vibration - Resistant to coolant and aging - Smooth bore for efficient flow - Reliable & cost effective	 AUTOMOTIVE  COMMERCIAL VEHICLES  AGRICULTURE
4 FUEL HOSE J30 R6/R7 	Designed for the transfer of gasoline, diesel, and oil in low pressure fuel line applications.	- Meets SAE J30 R6/R7 specifications - Oil, fuel & abrasion resistant - Flexible construction - Reliable performance - Safe for gasoline & diesel fuels	 AUTOMOTIVE  POWERSPORTS  MARINE
5 HYDRAULIC HOSE 	Built for high pressure hydraulic systems in mobile and industrial equipment. Transmits hydraulic fluid with maximum reliability.	- High pressure performance - Excellent flexibility - Abrasion, oil & weather resistant - Meets SAE 100R series specs - Long service life in demanding conditions	 INDUSTRIAL  CONSTRUCTION  AGRICULTURE
6 AIR BRAKE HOSE J1402 	Designed for air brake systems in heavy duty trucks, trailers and buses. Meets SAE J1402 requirements.	- Meets SAE J1402 Type A - High temperature & ozone resistant - Excellent flex fatigue resistance - Reliable under high pressure - Safety critical performance	 COMMERCIAL VEHICLES  BUSES  TRAILERS
7 HEATER HOSE SAE 20R3 CLASS D2 	Transfers hot coolant in heater and defroster systems. Designed for higher temperature underhood applications.	- Meets SAE 20R3 Class D2 - Withstands high temperature - Flexible & easy to route - Resistant to heat, aging & ozone - Dependable performance	 AUTOMOTIVE  COMMERCIAL VEHICLES  MARINE



WHY CHOOSE BTI / HOSE TEC?

- ✓ Quality products. Competitive pricing. Local stock.
- ✓ Technical support. Fast delivery.
- ✓ Your trusted partner in the aftermarket.



TRUSTED. TESTED. TOTAL CONFIDENCE.

BTI and Hose Tec rubber hoses are built to meet the demands of the aftermarket – delivering performance, durability and peace of mind, every time.

