

H069 General Purpose Truck Hose

SAE 100R5,
SAE J1402 TYPE III†,
DOT AIII†, ABS¹



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H06904 H06904-250R	4,8	0.19	3/16	13,1	0.52	33/64	206,9	3,000	827,4	12,000	76,2	3.00	7,3	16	50 250
H06905 H06905-250R	6,4	0.25	1/4	14,7	0.58	37/64	206,9	3,000	827,4	12,000	86,1	3.39	9,1	20	50 250
H06906 H06906-250R	7,9	0.31	5/16	17,1	0.67	43/64	155,1	2,250	620,6	9,000	101,6	4.00	10,4	23	50 250
H06908 H06908-250R	10,3	0.41	13/32	19,4	0.77	49/64	137,9	2,000	551,6	8,000	117,5	4.625	12,2	27	50 250
H06910 H06910-250R	12,7	0.50	1/2	23,4	0.92	59/64	120,7	1,750	482,7	7,000	139,7	5.50	16,3	36	50 250
H06912 H06912-250R	15,9	0.63	5/8	28,4	1.08	1-5/64	103,4	1,500	413,7	6,000	165,1	6.50	20,0	44	50 250
H06916 H06916-250R	22,2	0.88	7/8	31,4	1.23	1-15/64	55,2	800	220,6	3,200	187,7	7.39	20,9	46	50 250
H06920 H06920-150	28,6	1.13	1-1/8	38,1	1.50	1-1/2	44,8	650	172,4	2,500	228,6	9.00	23,1	51	50 150
H06924 H06924-100	34,9	1.38	1-3/8	44,5	1.75	1-3/4	34,5	500	137,9	2,000	266,7	10.50	28,1	62	50 150
H06932 H06932-100	46,0	1.81	1-13/16	56,4	2.22	2-7/32	24,1	350	96,5	1,400	336,6	13.25	38,6	85	50 100
H06940	60,3	2.38	2-3/8	73,0	2.88	2-7/8	24,1	350	96,5	1,400	609,6	24.00	64,9	143	50

Inner Tube: Nitrile

Reinforcement: 1 Fiber Braid - 1 Steel Braid

Cover: Fiber Braid

Temp. Range:

Hydraulic: -40°F to +212°F (-40°C to +100°C);

Air Brake: -40°F to +200°F (-40°C to +93°C);

Hot Oil: -40°F to +250°F (-40°C to +121°C);

Typical Application:

General purpose truck and hydraulic hose. For use in air brake, fuel, grease lines, high temperature petroleum oils and medium pressure hydraulic applications. -16 thru -40 sizes are not SAE or DOT approved for air brake applications.

†Sizes -4 thru -12 only

¹See pages 25-26 for applicable service pressures, required fire sleeves and qualified hose ends.

Hose End Reference

Page

C-O-C

069 'E' Series (except size -40) 113-116

Field Attachable

069 'D' & 'T' Series 196-197

247 'N' Series (sizes -4 to -16) 206-210

H057 Fuel Line Hose

SAE 30R7



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		In. Merc. Vac.		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Hg*	Kg/m	lbs/ft	feet	
H05703-25R H05703-100R	4,8	0.19	3/16	10,3	0.41	13/32	3,4	50	17,2	250	50,8	2.00	24	2,7	6	25' 100'	
H05704-25R H05704-100R	6,4	0.25	1/4	12,7	0.50	1/2	3,4	50	17,2	250	63,5	2.50	24	4,1	9	25' 100'	
H05705-25R H05705-100R	7,9	0.31	5/16	14,3	0.56	9/16	3,4	50	17,2	250	69,8	2.75	24	5,0	11	25' 100'	
H05706-25R H05706-50R H05706-250R	9,5	0.38	3/8	15,9	0.63	5/8	3,4	50	17,2	250	76,2	3.00	24	5,4	12	25' 50' 250'	
H05707-25R H05707-50R	11,1	0.47	7/16	17,5	0.69	11/16	2,4	35	9,7	140	82,6	3.25	24	7,3	16	25' 50'	

Inner Tube: Nitrile

Reinforcement: 1 Fiber Braids

Cover: Hypalon*

Temp. Range:

-40°F to +257°F
(-40°C to +125°C)

Typical Application:

Low pressure/high temperature fuel for passenger cars and light trucks; also small engine applications

Note:

Not intended for fuel injection applications.

* Hypalon is a trademark of E.I. DuPont.

Hose End Reference	Page
Field Attachable	
057 'B' Series	187-188

H077 Fuel Injection Hose

SAE 30R9



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	
H07704-10	6,4	0.25	1/4	12,7	0.50	1/2	8,6	125	62,1	900	76,2	3.00	5,0	11	10
H07705-10	7,9	0.31	5/16	14,3	0.56	9/16	8,6	125	62,1	900	95,3	3.75	5,9	13	10
H07706-10	9,2	0.38	3/8	15,9	0.63	5/8	8,6	125	62,1	900	114,3	4.50	7,3	16	10

Inner Tube:

Fluoroelastomer Veneer

Reinforcement:

Multi-Fiber Braids

Cover: ECO

(Epichlorohydrin Copolymer)

Temp. Range:

-30°F to +275°F
(-34°C to +135°C)

Typical Application:

Designed specifically for electronic fuel injection systems

Hose End Reference	Page
E.F.I.	
Clamps	103

H166 Truck Hose

SAE J1402 TYPE AII,
DOT AII

# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H16604 H16604-250R	4,8	0.19	3/16	13,1	0.52	33/64	103,4	1,500	413,7	6,000	38,1	1.50	5,0	11	50 250
H16605 H16605-250R	6,4	0.25	1/4	14,7	0.58	37/64	34,5	500	137,9	2,000	44,5	1.75	5,9	13	50 250
H16606 H16606-250R	7,9	0.31	5/16	17,2	0.67	43/64	34,5	500	137,9	2,000	50,8	2.00	8,2	18	50 250
H16608 H16608-250R	10,3	0.41	13/32	19,4	0.77	49/64	34,5	500	137,9	2,000	58,7	2.31	9,5	21	50 250
H16610 H16610-250R	12,7	0.50	1/2	23,4	0.92	59/64	31,0	450	124,1	1,800	69,8	2.75	13,2	29	50 250
H16612 H16612-250R	15,9	0.63	5/8	28,4	1.08	1-5/64	31,0	450	124,1	1,800	82,6	3.25	16,8	37	50 250
H16616* H16616-250R*	22,2	0.88	7/8	31,4	1.23	1-15/64	17,2	250	69,0	1,000	101,6	4.00	17,2	38	50 250
H16620*	28,6	1.13	1-1/8	38,5	1.52	1-33/64	17,2	250	69,0	1,000	139,7	5.50	20,9	46	50

Inner Tube: Nitrile**Reinforcement:** 1 Fiber
Braid – 1 Stainless Steel Braid**Cover:** Fiber Braid**Temp. Range:**Air Brake: -40°F to +200°F
(-40°C to +93°C)Hydraulic Fluid: -40°F to
+250°F (-40°C to +100°C)**Typical Application:**General purpose truck hose.
For use in air brake, fuel,
diesel fuel and high tem-
peratures petroleum oil ap-
plications.*16 and 20 sizes not SAE or DOT approved
for air brake applications.**Hose End
Reference****Page****C-O-C**

069 'E' Series 113-116

Field Attachable

009 'D' Series 186

247 'N' Series 206-210
(except -20 size)

H213 Truck Hose

SAE J1402 TYPE AI, DOT AI



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H21304 H21304-250R	4,8	0.19	3/16	12,3	0.48	31/64	137,9	2,000	551,6	8,000	19,1	.75	5,4	12	50 250
H21305 H21305-250R	6,4	0.25	1/4	13,9	0.55	35/64	103,4	1,500	413,7	6,000	25,4	1.00	5,9	13	50 250
H21306 H21306-250R	7,9	0.31	5/16	15,5	0.61	39/64	103,4	1,500	413,7	6,000	31,8	1.25	7,3	16	50 250
H21308 H21308-250R	10,3	0.41	13/32	18,7	0.73	47/64	86,2	1,250	344,8	5,000	44,5	1.75	8,6	19	50 250
H21310 H21310-250R	12,7	0.50	1/2	21,0	0.83	53/64	69,0	1,000	275,8	4,000	57,2	2.25	9,5	21	50 250
H21312 H21312-250R	15,9	0.63	5/8	24,2	0.95	61/64	51,7	750	206,9	3,000	69,8	2.75	11,8	26	50 250
H21316*	22,2	0.88	7/8	30,6	1.20	1-13/64	27,6	400	110,3	1,600	88,9	3.50	14,5	32	50

Inner Tube: CPE

Reinforcement: 1 Fiber Braid - 1 Steel Braid.

Cover: Fiber Braid

Temp. Range:

Air Brake: -40°F to +200°F (-40°C to +93°C)

Hot Oil: -50°F to +302°F (-45°C to +150°C)

Typical Application:

General purpose truck hose. For use in air brake, fuel, diesel fuel and high temperature petroleum oil applications.

*16 size is not SAE J1402 or DOT approved for air brake applications.

Hose End Reference

Field Attachable

213 'N' Series

Page

203-205

H229 Truck Hose

SAE J1402 TYPE AII, DOT AII



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H22904 H22904-250R	4,8	0.19	3/16	12,7	0.50	1/2	15,5	225	137,9	2,000	38,1	1.50	3,2	7	50 250
H22906 H22906-250R	7,9	0.31	5/16	19,1	0.75	3/4	15,5	225	137,9	2,000	50,8	2.00	5,0	11	50 250
H22908 H22908-250R	10,3	0.41	13/32	23,0	0.91	29/32	15,5	225	137,9	2,000	58,7	2.31	6,4	14	50 250
H22910 H22910-250R	12,7	0.50	1/2	27,0	1.06	1-1/16	15,5	225	124,1	1,800	69,9	2.75	9,5	21	50 250
H22912 H22912-250R	15,9	0.63	5/8	31,8	1.25	1-1/4	15,5	225	124,1	1,800	82,6	3.25	12,2	27	50 250
H22916* H22916-250R*	22,2	0.88	7/8	38,1	1.50	1-1/2	15,5	225	68,9	1,000	101,6	4.00	14,1	31	50 250

Inner Tube: Nitrile

Reinforcement: 2 Fiber Braids

Cover: Fiber Braids

Temp. Range:

Hydraulic: -40°F to +300°F (-40°C to +150°C)

Air Brake: -40°F to +200°F (-40°C to +93°C)

Typical Application:

General purpose truck hose. High temperature hydraulic, air brake and diesel fuel applications.

*16 size not SAE or DOT approved for air brake applications.

Hose End Reference

C-O-C

069 'E' Series

229 'P' Series (-4 to -10)

Field Attachable

069 'D' Series

247 'N' Series

Page

113-116

135

196-197

206-210

APPLICATION DATA
LOW & MEDIUM PRESSURE HOSE
HIGH PRESSURE HOSE
SPECIALTY HOSE
ACCESSORIES & ASSEMBLY INSTRUCTIONS
ADAPTERS & TUBE HOSE ENDS
HOSE ASSEMBLY EQUIPMENT
TECHNICAL DATA

H239 Truck Hose

SAE J1402 TYPE AII,
DOT AII

# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H23904 H23904-250R	4,8	0.19	3/16	12,7	0.50	1/2	15,5	225	137,9	2,000	38,1	1.50	3,2	7	50 250
H23906 H23906-250R	7,9	0.31	5/16	16,7	0.66	21/32	15,5	225	137,9	2,000	50,8	2.00	5,0	11	50 250
H23908 H23908-250R	10,3	0.41	13/32	19,1	0.75	3/4	15,5	225	137,9	2,000	58,7	2.31	6,4	14	50 250
H23910 H23910-250R	12,7	0.50	1/2	23,0	0.91	29/32	15,5	225	124,1	1,800	69,9	2.75	9,5	21	50 250
H23912 H23912-250R	15,9	0.63	5/8	27,0	1.06	1-1/16	15,5	225	124,1	1,800	82,6	3.25	12,2	27	50 250
H22916* H23916-250R*	22,2	0.88	7/8	31,8	1.25	1-1/4	15,5	225	68,9	1,000	101,6	4.00	14,1	31	50 250
H23920* H23920-250R*	28,6	1.13	1-1/8	38,1	1.50	1-1/2	15,5	225	68,9	1,000	139,7	5.50	18,6	41	50 250

Inner Tube: CPE**Reinforcement:**

2 Fiber Braids

Cover: Black Fiber Braid**Temp. Range:**Hot Oil: -40°F to +300°F
(-40°C to +150°C)Air Brake: -40°F to +200°F
(-40°C to +93°C)**Typical Application:**

High temperature medium pressure truck hose for use in transmission oil cooler lines, fuel lines, diesel fuel and air brake lines. Resistant to air, diesel fuel and petroleum base fluids.

*Sizes 16 and 20 are not SAE nor DOT approved for air brake applications.

Hose End Reference**Page***C-O-C*

069 'E' Series 113-116

229 'P' Series (-4 to -10) 135

Field Attachable

247 'N' Series 206-210

H429 Truck Hose

SAE J1019



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H42908 H42908-250R	10,3	0.41	13/32	17,5	0.69	11/16	17,2	250	69,0	1,000	44,5	1.75	10,9	24	50 250
H42910 H42910-250R	12,7	0.50	1/2	19,1	0.75	3/4	17,2	250	69,0	1,000	57,2	2.25	16,8	37	50 250

Inner Tube: CPE**Reinforcement:**

1 Wire Braid

Cover: Fiber Braid**Temp. Range:**-55°F to +302°F
(-48°C to +150°C)**Typical Application:** High temperature truck hose for use in transmission oil cooler lines, fuel lines and diesel fuel lines. Oil and temperature resistant tube.**Hose End Reference****Page***C-O-C*

757 'E' Series 126-133

057 'P' Series 134

H039 Suction Hose

SAE 100R4
1/2 SAE Bend Radius



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	
H03912 H03912-100 H03912-150	19,1	0.75	3/4	32,5	1.28	1-9/32	20,1 6,9	300 100*	82,7 27,6	1,200 400*	63,5	2.50	20,0	44	50 100 150
H03916 H03916-100 H03916-150	25,4	1.00	1	38,1	1.50	1-1/2	17,2 4,8	250 70*	69,0 19,3	1,000 280*	76,2	3.00	23,6	52	50 100 150
H03920 H03920-100 H03920-150	31,8	1.25	1-1/4	46,4	1.83	1-53/64	113,8 3,4	200 50*	55,2 13,8	800 200*	101,6	4.00	34,0	75	50 100 150
H03924 H03924-100 H03924-150	38,1	1.50	1-1/2	52,8	2.08	2-5/64	10,3	150	41,4	600	127,0	5.00	38,6	85	50 100 150
H03932 H03932-100 H03932-150	50,8	2.00	2	66,3	2.61	2-39/64	6,9	100	27,6	400	152,4	6.00	52,6	116	50 100 150

Inner Tube: CPE

Reinforcement: 1 helical cable wire between two textile layers. 1 Fiber Braid.

Cover: Neoprene

Temp. Range:

-40°F to +275°F
(-40°C to +135°C)

Typical Application:
Hydraulic Suction Hose

Marine Application
J1942/1 - Hydraulic only.
ABS¹, MSHA Accepted

¹See pages 25-26 for applicable service pressures, required fire sleeves and qualified hose ends.

*When used with 039 'K' and 'K' Series Ends and 6203 clamps.

Hose End Reference	Page
<i>C-O-C</i>	
'S' Series (-12 to -20)	140
'U' Series (-12 to -20)	141-158
430 'U' Series (-24 & -32)	159-169
<i>Field Attachable</i>	
'K' Series (-12 to -20)	198
039 'K' Series (-12 to -20)	199

H039H Suction Hose

SAE 100R4



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	
H039H12 H039H12-100 H039H12-150	19,1	0.75	3/4	32,5	1.28	1-9/32	20,1 6,9	300 100*	82,7 27,6	1,200 400*	125,0	5.00	20,0	44	50 100 150
H039H16 H039H16-100 H039H16-150	25,4	1.00	1	38,1	1.50	1-1/2	17,2 4,8	250 70*	69,0 19,3	1,000 280*	150,0	6.00	23,6	52	50 100 150
H039H20 H039H20-100 H039H20-150	31,8	1.25	1-1/4	46,4	1.83	1-53/64	13,8 3,4	200 50*	55,2 13,8	800 200*	200,0	8.00	34,0	75	50 100 150
H039H24 H039H24-100 H039H24-150	38,1	1.50	1-1/2	52,8	2.08	2-5/64	10,3	150	41,4	600	255,0	10.00	38,6	85	50 100 150
H039H32 H039H32-100 H039H32-150	50,8	2.00	2	66,3	2.61	2-39/64	6,9	100	27,6	400	300,0	12.00	52,6	116	50 100 150

Inner Tube: CPE

Reinforcement: 1 helical cable wire between two textile layers. 1 Fiber Braid.

Cover: CPE Blue

Temp. Range:

-40°F to +300°F
(-40°C to +150°C)

Typical Application:
Hydraulic Suction Hose

¹See pages 25-26 for applicable service pressures, required fire sleeves and qualified hose ends.

*When used with 039 'K' and 'K' Series Ends and 6203 clamps.

Hose End Reference	Page
<i>C-O-C</i>	
'Z' Series	170-185

APPLICATION DATA
LOW & MEDIUM PRESSURE HOSE
HIGH PRESSURE HOSE
SPECIALTY HOSE
ACCESSORIES & ASSEMBLY INSTRUCTIONS
ADAPTERS & TUBE HOSE ENDS
HOSE ASSEMBLY EQUIPMENT
TECHNICAL DATA

H009 General Purpose Hose

SAE 100R6



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H00904-25R H00904-50R H00904-250R	6,4	0.25	1/4	12,7	0.50	1/2	27,6	400	110,3	1,600	63,5	2.50	4,5	10	25 50 250
H00905-25R H00905-50R H00905-250R	7,9	0.31	5/16	14,3	0.56	9/16	27,6	400	110,3	1,600	76,2	3.00	5,4	12	25 50 250
H00906-25R H00906-50R H00906-250R	9,5	0.38	3/8	15,9	0.63	5/8	27,6	400	110,3	1,600	76,2	3.00	6,4	14	25 50 250
H00908-25R H00908-250R	12,7	0.50	1/2	19,8	0.78	25/32	27,6	400	110,3	1,600	101,6	4.00	9,1	20	25 250

Inner Tube: Nitrile**Reinforcement:** 1 Fiber Braid**Cover:** Neoprene**Temp. Range:**-40°F to +212°F
(-40°C to +100°C)**Typical Application:**

General purpose air, oil and water lines. Low pressure hydraulic service.

¹See pages 25-26 for applicable service pressures, required fire sleeves and qualified hose ends.**Hose End Reference**

C-O-C

'E' Series (-5 to -8)

Page

106-112

Field Attachable

009 'B' Series

186

H100 General Purpose Hose

(Fabric Cover)



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H10004 H10004-250R	6,4	0.25	1/4	12,7	0.50	1/2	24,1	350	96,5	1,400	76,2	3.00	4,5	10	50 250
H10005 H10005-250R	7,9	0.31	5/16	14,3	0.56	9/16	24,1	350	96,5	1,400	76,2	3.00	4,5	10	50 250
H10006 H10006-250R	9,5	0.38	3/8	15,9	0.63	5/8	24,1	350	96,5	1,400	76,2	3.00	5,0	11	50 250
H10008 H10008-250R	12,7	0.50	1/2	19,1	0.75	3/4	24,1	350	96,5	1,400	127,0	5.00	5,4	12	50 250
H10010 H10010-250R	15,9	0.63	5/8	23,0	0.91	29/32	24,1	350	96,5	1,400	152,4	6.00	8,2	18	50 250
H10012 H10012-250R	19,1	0.75	3/4	26,2	1.03	1-1/32	24,1	350	96,5	1,400	177,8	7.00	9,5	21	50 250

Inner Tube: Nitrile**Reinforcement:** 1 Fiber Braid**Cover:** Fiber Braid**Temp. Range:**

-40°F to +212°F (-40°C to +100°C)

Typical Application:

General purpose low pressure air, diesel fuel, oil, and water lines.

Hose End Reference

Field Attachable

100 'B' Series

Page

189-191

H101 General Purpose Hose

(Rubber Cover)



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H10104 H10104-250R	6,4	0.25	1/4	12,7	0.50	1/2	24,1	350	96,5	1,400	76,2	3.00	4,1	9	50 250
H10105 H10105-250R	7,9	0.31	5/16	14,3	0.56	9/16	24,1	350	96,5	1,400	76,2	3.00	5,0	11	50 250
H10106 H10106-250R	9,5	0.38	3/8	15,9	0.63	5/8	24,1	350	96,5	1,400	76,2	3.00	5,9	13	50 250
H10108 H10108-250R	12,7	0.50	1/2	19,1	0.75	3/4	24,1	350	96,5	1,400	127,0	5.00	6,8	15	50 250
H10110 H10110-250R	15,9	0.63	5/8	23,0	0.91	29/32	24,1	350	96,5	1,400	152,4	6.00	10,4	23	50 250
H10112 H10112-250R	19,1	0.75	3/4	26,2	1.03	1-1/32	24,1	350	96,5	1,400	177,8	7.00	11,8	26	50 250

Inner Tube: Nitrile

Reinforcement:
1 Fiber Braid

Cover: Neoprene

Temp. Range:
-40°F to +212°F
(-40°C to +100°C)

Typical Application:

General purpose low pressure air, oil, water and diesel fuel lines.

MSHA Accepted

Hose End Reference	Page
Field Attachable	
100 'B' Series	189-191

H209 General Purpose Hose



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H20904-500R	4,8	0.25	1/4	11,5	0.45	29/64	155,1	2,250	620,6	9,000	38,1	1.50	2,3	5	500
H20905-500R	7,9	0.31	5/16	12,7	0.50	1/2	120,7	1,750	482,7	7,000	44,5	1.75	2,7	6	500
H20906-250R	9,5	0.38	3/8	14,3	0.56	9/16	93,1	1,350	372,3	5,400	63,5	2.50	3,2	7	250
H20908-250R	12,7	0.50	1/2	17,9	0.70	45/64	69,0	1,000	275,8	4,000	88,9	3.50	4,1	9	250

Inner Tube: Nylon 11

Reinforcement:
1 Fiber Braid

Cover: Polyurethane

Temp. Range:
-40°F to +200°F
(-40°C to +93°C)

Typical Application:

General hydraulic and pneumatic service; high temperature industrial cleaning and car wash applications.

Hose End Reference	Page
C-O-C	
'E' Series	106-112

APPLICATION DATA
LOW & MEDIUM PRESSURE HOSE
HIGH PRESSURE HOSE
SPECIALTY HOSE
ACCESSORIES & ASSEMBLY INSTRUCTIONS
ADAPTERS & TUBE HOSE ENDS
HOSE ASSEMBLY EQUIPMENT
TECHNICAL DATA

H332 General Purpose Hose



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H33204-50C H33204-250R	6,4	0.25	1/4	12,4	0.49	1/2	17,2	250	69,0	1,000	76,2	3.00	4,5	10	50 250
H33206-50C H33206-250R	9,5	0.38	3/8	16,0	0.63	5/8	17,2	250	69,0	1,000	76,2	3.00	5,0	11	50 250
H33208-50C H33208-250R	12,7	0.50	1/2	19,1	0.75	3/4	17,2	250	69,0	1,000	127,0	5.00	5,4	12	50 250
H33210-50C H33210-250R	15,9	0.63	5/8	23,1	0.91	29/32	17,2	250	69,0	1,000	152,4	6.00	8,2	18	50 250
H33212-50C H33212-250R	19,1	0.75	3/4	26,4	1.04	1-1/32	17,2	250	69,0	1,000	177,8	7.00	9,5	21	50 250

Inner Tube: CPE

Reinforcement:

1 Fiber Braid

Cover: CPE

Temp. Range:

-40°F to +300°F

(-40°C to +150°C)

Air not to exceed +250°F

(+121°C) and water not to exceed +180°F (+82°C).

Typical Application:

General purpose low pressure air, diesel fuel, oil, and water lines.

Hose End Reference

Field Attachable

100 'B' Series

Page

189-191

H757 Air Conditioning Hose

SAE J2064 Type C, Class 1



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	
H75706 H75706-100 H75706-250	7,9	0.31	5/16	14,3	0.56	9/16	27,6	400	137,9	2,000	50,8	2.00	4,5	10	50 100 250
H75708 H75708-100 H75708-250	10,3	0.41	13/32	17,5	0.69	11/16	27,6	400	137,9	2,000	63,5	2.50	5,4	12	50 100 250
H75710 H75710-100 H75710-250	12,7	0.50	1/2	19,1	0.75	3/4	24,1	350	120,7	1,750	76,2	3.00	5,9	13	50 100 250
H75712 H75712-100 H75712-250	15,9	0.63	5/8	23,8	0.94	15/16	24,1	350	120,7	1,750	101,6	4.00	10,4	23	50 100 250

Inner Tube:

Rubber/Nylon/Rubber

Reinforcement:

1 Fiber Braid

Cover:

Butyl (perforated)

Temp. Range:

-22°F to +248°F
(-30°C to +120°C) for R12;
-22°F to +257°F (-30°C to +125°C) for R134a

Typical Application:

A refrigerant hose recommended for R134a and R12 applications. Ideal for heavy duty truck use as well as industrial and automotive applications.

Hose End Reference

Reference	Page
C-O-C	
757 'E' Series	126-133
Black Zinc	

GH134W Multi-Refrigerant Hose

SAE J2064 Type E, Class 1



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	
GH134-6WR50	7,9	0.31	5/16	14,7	0.58	37/64	34,5	500	137,9	2,000	50,8	2.00	3,2	.09	50
GH134-8WR50	10,3	0.41	13/32	17,8	0.70	45/64	34,5	500	137,9	2,000	63,5	2.50	5,0	.12	50
GH134-10WR50	12,7	0.50	1/2	19,8	0.78	25/32	34,5	500	137,9	2,000	76,2	3.00	6,4	.15	50
GH134-12WR50	15,9	0.63	5/8	24,9	0.98	63/64	34,5	500	137,9	2,000	101,6	4.00	9,5	.18	50
*GH134-16WR50	19,1	0.75	3/4	31,2	1.23	1-11/50	34,5	500	137,9	2,000	127,0	7.00	9,5	.22	50

Temp. Range:

-40°F to +257°F
(-40°C to +125°C).

Typical Application:

Transportation, refrigeration and air conditioning systems.

R404a Effusion:

.2 lbs./ft²/yr. at 140°F
(.8 kg./m²/yr. at 60°C)

HFC 134a Effusion:

.50 lbs./ft²/yr. at 176°F
(2.42 kg./m²/yr. at 80°C)

R22 Effusion:

27.7 lbs./ft²/yr. at 158°F
(135 kg./m²/yr. at 70°C)

R407C Effusion:

20 kg./m²/yr. at 80°C

Moisture Ingression:

.08 gm./in²/yr. (.013/cm²/yr.)

For more information on EZ Clip, see document #W-HOAC-MC001-E1.

* For size 16, see document #W-HOAC-MS002-E.

Hose available in reels, by ordering part number, size and WRL

Hose End Reference

Reference	Page
EZ Clip	
Series	216-241

H366 LPG Hose

UL File Number MH 6776
ULMH 10198



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H36606 H36606-250R	7,9	0.31	5/16	17,1	0.67	43/64	24,1	350	120,7	1,750	101,6	4.00	8,2	18	50 250
H36608 H36608-250R	10,3	0.41	13/32	19,4	0.77	49/64	24,1	350	120,7	1,750	117,5	4.625	9,5	21	50 250

Inner Tube: Nitrile

Reinforcement: 1 Fiber Braid – 1 Stainless Steel Braid

Cover: Fiber Braid

Temp. Range:

-40°F to +300°F
(-40°C to +149°C)

Typical Application:

Most commonly used for medium pressure LP gas service. UL listed for LP gas applications

Hose End Reference

Page

C-O-C

069 'E' Series

113-116

Field Attachable

069 'D' Series

196-197

247 'N' Series

206-210

H059 Marine Fuel-Oil-Lube Hose

SAE J1942/1, NMMA³, 33CFR183, ABS



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H05904 H05904-250R	4,8	0.19	3/16	13,1	0.52	33/64	34,5	500	137,9	2,000	19,1	.75	7,3	16	50 250
H05905 H05905-250R	6,4	0.25	1/4	14,7	0.58	37/64	34,5	500	137,9	2,000	25,4	1.00	9,1	20	50 250
H05906 H05906-250R	7,9	0.31	13/32	17,1	0.67	43/64	34,5	500	137,9	2,000	31,8	1.25	11,8	26	50 250
H05908 H05908-250R	10,3	0.41	13/32	19,4	0.77	49/64	34,5	500	137,9	2,000	44,5	1.75	13,2	29	50 250
H05910 H05910-250R	12,7	0.50	1/2	23,4	0.92	59/64	34,5	500	137,9	2,000	57,2	2.25	18,1	40	50 250
H05912 H05912-250R	15,9	0.63	5/8	28,4	1.08	1-5/64	34,5	500	137,9	2,000	69,8	2.75	20,9	46	50 250
H05916 H05916-250R	22,2	0.88	7/8	31,4	1.23	1-15/64	34,5	500	137,9	2,000	88,9	3.50	21,8	48	50 250

Inner Tube:

Special Blended Nitrile

Reinforcement:

1 Fiber Braid - 1 Steel Braid
- 1 Nomex[®] Braid

Cover: CPE

Temp. Range:

-4°F to +212°F
(-20°C to +100°C)

Typical Application: Marine fuel, oil and lube hose is specially designed for gas and diesel marine engines. Its blue cover makes it easily identified in marine environments.

Marine Application SAE J1942/1 Fuel and Lube Service, ABS¹

³ Size -5 Does not meet NMMA standards

® Nomex is a trademark of E.I. DuPont

Hose End Reference

Page

C-O-C

069 'E' Series

113-116

229 'P' Series

135

(-4, -6, -8 & -10)

Field Attachable

247 'N' Series

206-210

H104 Hydraulic Hose

SAE 100R1 TYPE AT, ABS



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H10404 H10404-250R H10404-500R	6,4	0.25	1/4	13,5	0.53	17/32	189,6	2,750	758,4	11,000	101,6	4.00	6,8	15	50 250 500
H10406 H10406-250R H10406-500R	9,5	0.38	3/8	18,3	0.72	23/32	155,1	2,250	620,6	9,000	127,0	5.00	10,4	23	50 250 500
H10408 H10408-250R H10408-500R	12,7	0.50	1/2	21,4	0.84	27/32	137,9	2,000	551,6	8,000	177,8	7.00	13,2	29	50 250 500
H10410 H10410-250R	15,9	0.63	5/8	24,6	0.97	31/32	103,4	1,500	413,7	6,000	203,2	8.00	15,9	35	50 250
H10412 H10412-250R	19,1	0.75	3/4	28,6	1.13	1-1/8	86,2	1,250	344,8	5,000	241,3	9.50	18,6	41	50 250
H10416 H10416-250R	25,4	1.00	1	36,5	1.44	1-7/16	69,0	1,000	275,8	4,000	304,8	12.00	24,9	55	50 250
H10420 H10420-100	31,8	1.25	1-1/4	44,5	1.75	1-3/4	43,1	625	172,4	2,500	419,1	16.50	38,6	85	50 100

Inner Tube: Nitrile

Reinforcement: 1 Steel Braid

Cover: Neoprene

Temp. Range:

-40°F to +212°F
(-40°C to +100°C)

Typical Application: Most commonly used for medium pressure hydraulic lines. Especially popular for farm implement hydraulic lines.

MSHA Accepted

Marine Application

J1942/1/1 - Fuel and Lube Service, ABS1

¹See pages 25-26 for applicable service pressures, required fire sleeves and qualified hose ends.

Hose End Reference	Page
<i>C-O-C</i>	
'S' Series (except -10 size)	140
'U' Series	141-158
'Z' Series (-4 to -16)	170-185
<i>Field Attachable</i>	
104 'N' Series (except -10 size)	200-202

H017 Hydraulic Hose

SAE 100R3



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H01704 H01704-250R	6,4	0.25	1/4	14,3	0.56	9/16	86,2	1,250	344,8	5,000	76,2	3.00	5,9	13	50 250
H01706 H01706-250R	9,5	0.38	3/8	19,1	0.75	3/4	77,6	1,125	275,8	4,000	101,6	4.00	10,0	22	50 250
H01708 H01708-250R	12,7	0.50	1/2	23,8	0.94	15/16	69,0	1,000	275,8	4,000	127,0	5.00	12,7	28	50 250
H01712 H01712-250R	19,1	0.75	3/4	31,8	1.25	1-1/4	51,7	750	206,9	3,000	152,4	6.00	19,5	43	50 250
H01716 H01716-250R	25,4	1.00	1	38,1	1.50	1-1/2	31,0	565	155,1	2,250	203,2	8.00	29,0	64	50 250
H01720 H01720-100	31,8	1.25	1-1/4	44,5	1.75	1-3/4	25,9	375	103,4	1,500	254,0	10.00	36,3	80	50 100

Inner Tube: Nitrile

Reinforcement: 2 Fiber Braids

Cover: Neoprene

Temp. Range:

-40°F to +212°F
(-40°C to +100°C)

Typical Application: Low pressure fuel & oil lines. Hydraulic return lines.

Marine Application

J1942/1/1 - Hydraulic only¹

MSHA Accepted

¹See pages 25-26 for applicable service pressures, required fire sleeves and qualified hose ends.

Hose End Reference	Page
<i>C-O-C</i>	
'U' Series	141-158

H169 Hydraulic Hose



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H16906 H16906-250R	7,9	0.31	5/16	17,1	0.67	43/64	155,1	2,250	620,6	9,000	101,6	4.00	10,4	23	50 250
H16908 H16908-250R	10,3	0.41	13/32	19,4	0.77	49/64	137,9	2,000	551,6	8,000	117,5	4.63	12,2	27	50 250
H16910 H16910-250R	12,7	0.50	1/2	23,4	0.92	59/64	120,7	1,750	482,7	7,000	139,7	5.50	16,3	36	50 250
H16912 H16912-250R	15,9	0.63	5/8	28,4	1.08	1-5/64	103,4	1,500	413,7	6,000	165,1	6.50	20,0	44	50 250
H16916 H16916-250R	22,2	0.88	7/8	31,4	1.23	1-15/64	55,2	800	220,6	3,200	187,7	7.39	20,9	46	50 250
H16920 H16920-150	28,6	1.13	1-1/8	38,1	1.50	1-1/2	43,1	625	172,4	2,500	228,6	9.00	23,1	51	50 150
H16924 H16924-100	34,9	1.38	1-3/8	44,5	1.75	1-3/4	34,5	500	137,9	2,000	266,7	10.50	28,1	62	50 100
H16932	46,0	1.81	1-13/16	56,4	2.22	2-7/32	24,1	350	96,5	1,400	336,6	13.25	38,6	85	50

Inner Tube: Nitrile

Reinforcement:

1 Steel Braid

Cover: Neoprene

Temp. Range:

-40°F to +212°F

(-40°C to +100°C)

Typical Application:

Medium pressure hydraulic, air, grease, oil, truck and power steering lines.

MSHA Accepted

Hose End Reference

Page

C-O-C

069 'E' Series
(except -32 size)

113-116

Field Attachable

069 'D' Series

196-197

247 'N' Series

206-210

(except -20, -24 & -32 sizes)

H324 Power Steering Hose

SAE J188 TYPE 2



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H32406*	9,5	0.38	3/8	19,1	0.75	3/4	103,4	1,500	413,7	6,000	81,0	3.19	10,9	24	50

Inner Tube: Neoprene

Reinforcement:

2 Fiber Braids

Cover: Neoprene

Temp. Range:

-40°F to +250°F

(-40°C to +120°C)

Typical Application:

Passenger Car/Light Truck power steering hose (Volumetric Expansion 8 to 17 cc/ft).

*See pages 434-435 for Power Steering Makeup information.

Hose End Reference

Page

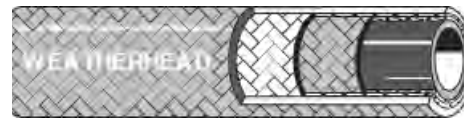
C-O-C

'U' Series

141-158

H569 Hydraulic Hose

SAE 100R5, SAE J1402 TYPE AII, DOT AII*, ABS



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H56904 H56904-250R	4,8	0.19	3/16	13,1	0.52	33/64	206,9	3,000	827,4	12,000	76,2	3.00	7,3	16	50 250
H56905 H56905-250R	6,4	0.25	1/4	14,7	0.58	37/64	206,9	3,000	827,4	12,000	86,1	3.39	9,1	20	50 250
H56906 H56906-250R	7,9	0.31	5/16	17,1	0.67	43/64	155,1	2,250	620,6	9,000	101,6	4.00	10,4	23	50 250
H56908 H56908-250R	10,3	0.41	13/32	19,4	0.77	49/64	137,9	2,000	551,6	8,000	117,5	4.625	12,2	27	50 250
H56910 H56910-250R	12,7	0.50	1/2	23,4	0.92	59/64	120,7	1,750	482,7	7,000	139,7	5.50	16,3	36	50 250
H56912 H56912-250R	15,9	0.63	5/8	28,4	1.08	1-5/64	103,4	1,500	413,7	6,000	165,1	6.50	20,0	44	50 250
H56916 H56916-250R	22,2	0.88	7/8	31,4	1.23	1-15/64	55,2	800	220,6	3,200	187,7	7.39	20,9	46	50 250
H56920 H56920-250R	28,6	1.13	1-1/8	38,1	1.50	1-1/2	43,1	625	172,4	2,500	228,6	9.00	23,1	51	50 250

Inner Tube: CPE

Reinforcement: 2 Fiber Braids and 1 Steel Braid

Cover: Fiber Braid

Temp. Range:

Hydraulic Fluid: -55°F to 302°F (-48°C to 150°C)

Air Brake: -40°F to 200°F (-40°C to 93°C)*

Air: -40°F to 212°F (-40°C to 100°C) Intermittent to 250°F

Typical Application:

General purpose truck, marine and hydraulic hose. For use in air brake*, diesel fuel, grease lines, high temperature petroleum oils and medium pressure hydraulic applications.

*Air brake applications, sizes -04 through -12 only.

¹See pages 25-26 for applicable service pressures, required fire sleeves and qualified hose ends.

Marine Application - Hydraulic only¹

ABS approved for sizes 5/16 through 1-1/8 inches.¹

Hose End Reference	Page
C-O-C	
069 'E' Series	113-116
Field Attachable	
247 'N' Series (sizes -6 to -12)	206-210

H338 Air Brake Hose

SAE J1402 A DOT AII



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Wt. Per 100 Ft.		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H33806 H33806-250R	9,5	0.38	3/8	19,1	0.75	3/4	15,5	225	62,1	900	88,9	3.50	10,9	24	50 250
H33808 H33808-250R	12,7	0.50	1/2	22,2	0.88	7/8	15,5	225	62,1	900	114,3	4.00	13,2	29	50 250

Inner Tube:

Synthetic EPDM

Reinforcement:

Multi-Fiber Braids

Temp. Range:

-40°F to +200°F (-40°C to +93°C)

Cover: Synthetic EPDM

Typical Application:

Air brake hose lines

Hose End Reference	Page
C-O-C	
338 'P' Series	137
Field Attachable	
338 'B' Series	193-195