

Hose - Medium Pressure

H166 Truck Hose SAE J1402 TYPE AII DOT AII



Typical Application: General purpose truck hose. For use in air brake, fuel, diesel fuel and high temperatures petroleum oil applications.

Inner Tube: Nitrile

Reinforcement: 1 Fiber Braid – 1 Stainless Steel Braid

Cover: Fiber Braid

Temp. Range:

Air Brake: -40°F to +160°F (-40°C to +93°C)

Hydraulic Fluid: -40°F to +250°F (-40°C to +100°C)

*16 and 20 sizes not SAE or DOT approved for air brake applications.

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	INCH. MERC. VAC. ("HG)	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H16604	3/16	33/64	1,500	6,000	1-1/2	25	11	50'	C-O-C 069 'E' Series Pages 100-103
H16604-250R								250'	
H16605	1/4	37/64	500	2,000	1-3/4	25	13	50'	
H16605-250R								250'	
H16606	5/16	43/64	500	2,000	2	25	18	50'	
H16606-250R								250'	
H16608	13/32	49/64	500	2,000	2-5/16	25	21	50'	
H16608-250R								250'	
H16610	1/2	59/64	450	1,800	2-3/4	25	29	50'	
H16610-250R								250'	
H16612	5/8	1-5/64	450	1,800	3-1/4	25	37	50'	Field Attachable 069 'D' Series Pages 218-219
H16612-250R								250'	
H16616*	7/8	1-15/64	250	1,000	4	25	38	50'	
H16616-250R*								250'	247 'N' Series except -20 size) Pages 230-235
H16620*	1-1/8	1-33/64	250	1,000	5-1/2	25	46	50'	

H209 General Purpose Hose



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

Inner Tube: Nylon 11

Reinforcement: 1 Fiber Braid

Cover: Polyurethane

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

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H20904-500R	1/4	29/64	2,250	9,000	1-1/2	5	500'	C-O-C 'E' Series Pages 92-99
H20905-500R	5/16	1/2	1,750	7,000	1-3/4	6	500'	
H20906-250R	3/8	9/16	1,350	5,400	2-1/2	7	250'	
H20908-250R	1/2	45/64	1,000	4,000	3-1/2	9	250'	

Hose - Medium Pressure

H213 Truck Hose SAE J1402 TYPE AI DOT AI



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

Inner Tube: CPE

Reinforcement: 1 Fiber Braid - 1 Steel Braid.

Cover: Fiber Braid

Cover Color: Black with 2 green stripes 180° apart.

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)

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

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	INCH. MERC. VAC. ("HG)	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H21304	3/16	31/64	2,000	8,000	3/4	25	12	50'	Field Attachable 213 'N' Series Pages 226-229
H21304-250R								250'	
H21305	1/4	35/64	1,500	6,000	1	25	13	50'	
H21305-250R								250'	
H21306	5/16	39/64	1,500	6,000	1-1/4	25	16	50'	
H21306-250R								250'	
H21308	13/32	47/64	1,250	5,000	1-3/4	25	19	50'	
H21308-250R								250'	
H21310	1/2	53/64	1,000	4,000	2-1/4	25	21	50'	
H21310-250R								250'	
H21312	5/8	61/64	750	3,000	2-3/4	25	26	50'	
H21312-250R								250'	
H21316*	7/8	1-13/64	400	1,600	3-1/2	25	32	50'	

Hose - Medium Pressure

H324 Power Steering Hose SAE J188 TYPE 2



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

Inner Tube: Neoprene

Reinforcement: 2 Fiber Braids

Cover: Neoprene

Temp. Range: -40°F to +250°F (-40°C to +120°C)

*See pages 316-317 for Power Steering Makeup information.

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H32406*	3/8	3/4	1,500	6,000	3-1/8	24	50'	C-O-C 'U' Series Pages 263-183

H104 Hydraulic Hose SAE 100R1 TYPE AT, ABS



MSHA Accepted

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

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

Inner Tube: Nitrile all sizes except 1/4" is Neoprene

Reinforcement: 1 Steel Braid

Cover: Neoprene

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

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H10404	1/4	17/32	2,750	11,000	4	15	50'	C-O-C 'S' Series (except -10 size) Page 160
H10404-250R							250'	
H10404-500R							500'	
H10406	3/8	23/32	2,250	9,000	5	23	50'	C-O-C 'U' Series Page 163-183
H10406-250R							250'	
H10406-500R							500'	
H10408	1/2	27/32	2,000	8,000	7	29	50'	Field Attachable 104 'N' Series (except -10 size) Page 222-225
H10408-250R							250'	
H10408-500R							500'	
H10410	5/8	31/32	1,500	6,000	8	35	50'	Field Attachable 104 'N' Series (except -10 size) Page 222-225
H10410-250R							250'	
H10412	3/4	1-1/8	1,250	5,000	9-1/2	41	50'	
H10412-250R							250'	Field Attachable 104 'N' Series (except -10 size) Page 222-225
H10416	1	1-7/16	1,000	4,000	12	55	50'	
H10416-250R							250'	
H10420	1-1/4	1-3/4	625	2,500	16-1/2	85	50'	Field Attachable 104 'N' Series (except -10 size) Page 222-225
H10420-100							100'	

¹See pages 29-30 for applicable service pressures, required fire sleeves and qualified hose ends.

Hose - Medium Pressure

**H069 General Purpose
Hose Truck Hose**
SAE 100R5, SAE J1402 TYPE II†,
DOT All†, ABS



ABS¹

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 -48 sizes are not SAE or DOT approved for air brake applications.

Inner Tube: Nitrile

Reinforcement: 1 Fiber Braid - 1 Steel Braid

Cover: Fiber Braid

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

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

†Sizes -4 thru -12 only

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	INCH. MERC. VAC. ("HG)	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H06904	3/16	33/64	3,000	12,000	3	25	16	50'	C-O-C 069 'E' Series (except size -32, -40 & -48) Pages 100-103 Field Attachable 069 'D' & 'T' Pages 218-219 Field Attachable 247 'N' Series (sizes -4 to -16) Pages 230-235
H06904-250R								250'	
H06905	1/4	37/64	3,000	12,000	3-3/8	25	20	50'	
H06905-250R								250'	
H06906	5/16	43/64	2,250	9,000	4	25	23	50'	
H06906-250R								250'	
H06908	13/32	49/64	2,000	8,000	4-5/8	25	27	50'	
H06908-250R								250'	
H06910	1/2	59/64	1,750	7,000	5-1/2	25	36	50'	
H06910-250R								250'	
H06912	5/8	1-5/64	1,500	6,000	6-1/2	25	44	50'	
H06912-250R								250'	
H06916	7/8	1-15/64	800	3,200	7-3/8		46	50'	
H06916-250R								250'	
H06920	1-1/8	1-1/2	625	2,500	9		51	50'	
H06920-150								150'	
H06924	1-3/8	1-3/4	500	2,000	10-1/2		62	50'	
H06924-100								150'	
H06932	1-13/16	2-7/32	350	1,400	13-1/4		85	50'	
H06932-100								100	
H06940	2-3/8	2-7/8	350	1,400	24		143	50'	
H06948	3	3-9/16	200	800	33		209	50'	

¹See pages 29-30 for applicable service pressures, required fire sleeves and qualified hose ends.

Hose - Medium Pressure

WARNING: For PTFE hose application, 'E' series fittings must be used with H243 or H277 .030" thin wall hose only.

H243 PTFE Hose - EVERFLEX



FDA Accepted Material

Typical Application: Hydraulic, air and steam lines. Particularly suited for air compressor discharge lines where vibration and high temp are present.

Inner Tube: PTFE

Reinforcement: Single Stainless Steel Braid, 1" Size Double Stainless Steel Braid (Type 304)

Temp. Range: -65°F to +450°F (-54°C to +232°C)

*For applications above +300°F (+149°C)

Note: Not for use in applications requiring static dissipation.

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H24303	3/16	5/16	3,000	12,000	2	6	50'	C-O-C 'E' Series Pages 92-99
H24303-150R				9,600*			150'	
H24304	1/4	23/64	3,000	12,000	3	8	50'	
H24304-100R				9,600*			100'	
H24305	5/16	27/64	2,500	10,000	4	10	50'	
H24305-100R				8,000*			100'	
H24306	3/8	1/2	2,000	8,000	5	12	50'	
H24306-100R				6,000*			100'	
H24308	1/2	41/64	1,750	7,000	6-1/2	15	50'	
H24308-100R				5,500*			100'	
H24312	3/4	57/64	1,000	4,000	9	22	50'	
				3,500*				
H24316	1	1-1/8	1,000	4,000	12	49	50'	
				3,250*				

H277 Conductive PTFE Hose - EVERFLEX



Typical Application: Hydraulic, air and steam lines. Particularly suited for air compressor discharge lines where vibration and high temp are present.

Inner Tube: PTFE

Reinforcement: Single Stainless Steel Braid, 1" Size Double Stainless Steel Braid (Type 304)

Temp. Range: -65°F to +450°F (-54°C to +232°C)

*For applications above +300°F (+149°C)

Note: For use in applications requiring static dissipation.

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H27703	3/16	5/16	3,000	12,000	2	6	50'	C-O-C 'E' Series Pages 85-92-99
H27703-150R				9,600*			150'	
H27704	1/4	23/64	3,000	12,000	3	8	50'	
H27704-100R				9,600*			100'	
H27705	5/16	27/64	2,500	10,000	4	10	50'	
H27705-100R				8,000*			100'	
H27706	3/8	1/2	2,000	8,000	5	12	50'	
H27706-100R				6,000*			100'	
H27708	1/2	41/64	1,750	7,000	6-1/2	15	50'	
H27708-100R				5,500*			100'	
H27712	3/4	57/64	1,000	4,000	9	22	50'	
				3,500*				
H27716	1	1-1/8	1,000	4,000	12	49	50'	
				3,350*				

Hose - Medium Pressure

H569 Hydraulic Hose

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



Marine Application - Hydraulic only¹

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

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.

Inner Tube: CPE

Reinforcement: 2 Fiber Braids and 1 Steel Braid

Cover: Fiber Braid

Cover Color: Blue

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

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

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	INCH. MERC. VAC. ("HG)	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H56904	3/16	33/64	3,000	12,000	3	28	16	50'	
H56904-250R								250'	
H56905	1/4	37/64	3,000	12,000	3-3/8	28	20	50'	
H56905-250R								250'	
H56906	5/16	43/64	2,250	9,000	4	28	23	50'	
H56906-250R								250'	
H56908	13/32	49/64	2,000	8,000	4-5/8	28	27	50'	
H56908-250R								250'	
H56910	1/2	59/64	1,750	7,000	5-1/2	28	36	50'	
H56910-250R								250'	
H56912	5/8	1-5/64	1,500	6,000	6-1/2	28	44	50'	
H56912-250R								250'	
H56916	7/8	1-15/64	800	3,200	7-3/8	20	46	50'	
H56916-250R								250'	
H56920	1-1/8	1-1/2	625	2,500	9	20	51	50'	
H56920-250R								250'	

C-O-C 069
'E' Series
Pages
100-103

Field
Attachable
247 'N'
Series (sizes
-6 to -12)
Pages 230-
235

¹See pages 29-30 for applicable service pressures, required fire sleeves and qualified hose ends.

Hose - Medium Pressure

H169 Hydraulic Hose



MSHA Accepted

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

Inner Tube: Nitrile

Reinforcement: 1 Steel Braid

Cover: Neoprene Perforated

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

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H16904	3/16	33/64	3,000	12,000	3	16	50'	C-O-C 069 'E' Series (except -32 size) Pages 100-103 Field Attachable 069 'D' Series Pages 218-219 247 'N' Series (except -20, -24 & -32 size) Pages 230-235
H16904-250R							250'	
H16905	1/4	37/64	3,000	12,000	3-3/8	20	50'	
H16905-250R							250'	
H16906	5/16	43/64	2,250	9,000	4	23	50'	
H16906-250R							250'	
H16908	13/32	49/64	2,000	8,000	4-5/8	27	50'	
H16908-250R							250'	
H16910	1/2	59/64	1,750	7,000	5-1/2	36	50'	
H16910-250R							250'	
H16912	5/8	1-5/64	1,500	6,000	6-1/2	44	50'	
H16912-250R							250'	
H16916	7/8	1-15/64	800	3,200	7-3/8	46	50'	
H16916-250R							250'	
H16920	1-1/8	1-1/2	625	2,500	9	51	50'	
H16920-150							150'	
H16924	1-3/8	1-3/4	500	2,000	10-1/2	62	50'	
H16924-100							100'	
H16932	1-13/16	2-7/32	350	1,400	13-1/4	85	50'	

Hose - Medium Pressure

H435 Non-Conductive Hose SAE 100R7



Typical Application: Compatible w/most hydraulic fluids, designed for use where electric shock hazards exist. Max. leakage is 50 Micro Amperes per ft. at 75 KV per ft. for five minutes.

Inner Tube: Nylon 11

Reinforcement: 2 Fiber Braids

Cover: Non-Conductive Polyurethane

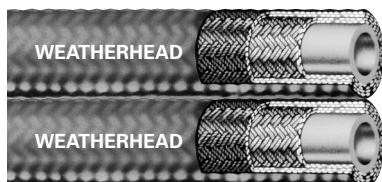
Cover Color: Orange

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

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H43504	1/4	29/64	2,750	11,000	1	5	50'	C-O-C 'E' Series Pages 92-99
H43504-500R							500'	
H43505	5/16	9/16	2,500	10,000	1-1/2	7	50'	
H43505-500R							500'	
H43506	3/8	5/8	2,250	9,000	2	8	50'	Field Attachable 436 'N' Series Pages 240-241
H43506-250R							250'	
H43508	1/2	13/16	2,000	8,000	2-1/2	12	50'	
H43508-250R							250'	
H43512	3/4	1-1/16	1,250	5,000	9-1/2	19	50'	
H43516	1	1-3/8	1,000	4,000	12	25	50'	

Hose - Medium Pressure

H435 Twin Line Non-Conductive Hose SAE 100R7, Multi-Tube



Typical Application: Compatible w/most hydraulic fluids, designed for use where electric shock hazards exist. Max. leakage is 50 Micro Amperes per ft. at 75 KV per ft. for five minutes.

Inner Tube: Nylon 11

Reinforcement: 2 Fiber Braids

Cover: Non-Conductive Polyurethane

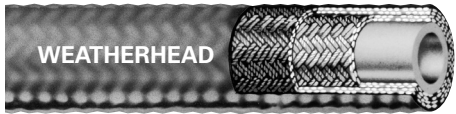
Cover Color: Orange

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

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H43544	1/4,1/4				1	10	50'	
H43544-250R							250'	
H43545	1/4,5/16				1-1/2	12	50'	
H43545-250R							250'	
H43546	1/4,3/8				2	13	50'	
H43546-250R							250'	
H43555	5/16,5/16				1-1/2	14	50'	C-O-C 'E' Series Pages 92-99
H43555-250R							250'	
H43556	5/16,3/8		Same as H435		2	15	50'	Field Attachable 436 'N' Series Pages 240-241
H43556-250R							250'	
H43558	5/16,1/2				2-1/2	19	50'	
H43558-250R							250'	
H43566	3/8,3/8				2	16	50'	
H43566-250R							250'	
H43568	3/8,1/2				2-1/2	20	50'	
H43568-250R							250'	
H43588	1/2,1/2				2-1/2	24	50'	
H43588-250R							250'	

Hose - Medium Pressure

H436 Perforated Cover Hose SAE 100R7



Typical Application: In addition to its compatibility with most hydraulic fluids, the low effusion rate of this hose makes it ideally suited for CO₂ and nitrogen. Perforated cover permits breathing, eliminating condensation and blistering.

Inner Tube: Nylon 11

Reinforcement: 2 Fiber Braids

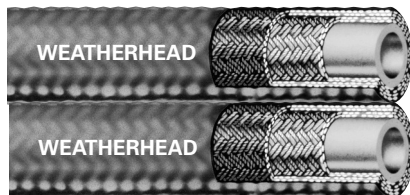
Cover: Polyurethane (Perforated)

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

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H43604	1/4	29/64	2,750	11,000	1	5	50'	
H43604-500R							500'	
H43605	5/16	9/16	2,500	10,000	1-1/2	7	50'	C-O-C 'E' Series Pages 92-99
H43605-500R							500'	
H43606	3/8	5/8	2,250	9,000	2	8	50'	Field Attachable 436 'N' Series Pages 240-241
H43606-250R							250'	
H43608	1/2	51/64	2,000	8,000	2-1/2	12	50'	
H43608-250R							250'	
H43612	3/4	1-1/16	1,250	5,000	9-1/2	19	50'	
H43616	1	1-3/8	1,000	4,000	12	25	50'	

Hose - Medium Pressure

H436 Twin Line Perforated Cover Hose SAE 100R7, Multi-Tube



Typical Application: In addition to its compatibility with most hydraulic fluids, the low effusion rate of this hose makes it ideally suited for CO₂ and nitrogen. Perforated cover permits breathing, eliminating condensation and blistering.

Inner Tube: Nylon 11

Reinforcement: 2 Fiber Braids

Cover: Polyurethane (Perforated)

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

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORKING PRESS. (PSI)	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H43644	1/4, 1/4				1	10	50'	
H43644-250R							250'	
H43645	1/4, 5/16				1-1/2	12	50'	
H43645-250R							250'	
H43646	1/4, 3/8				2	13	50'	
H43646-250R							250'	
H43648	1/4, 1/2				2-1/2	17	50'	
H43648-250R							250'	
H43655	5/16, 5/16				1-1/2	14	50'	
H43655-250R							250'	
H43656	5/16, 3/8				2	15	50'	
H43656-250R							250'	
H43658	5/16, 1/2				2-1/2	19	50'	
H43658-250R							250'	
H43666	3/8, 3/8				2	16	50'	
H43666-250R							250'	
H43668	3/8, 1/2				2-1/2	18	50'	
H43668-250R							250'	
H43688	1/2, 1/2				2-1/2	24	50'	
H43688-250R							250'	

Same as
H436

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436 'N'
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