

## Hose - Low Pressure

### H057 Fuel Line Hose SAE 30R7



**Typical Application:** Low pressure/high temperature fuel for passenger cars and light trucks; also small engine applications.

**Inner Tube:** Nitrile

**Reinforcement:** 1 Fiber Braid

**Cover:** Hypalon

**Temp. Range:** -40°F to +275°F (-40°C to +125°C)

**Note:** Not intended for fuel injection 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
H05703-25R	3/16	13/32	50	250	2	24	6	25'	Field Attachable 057 'B' Series Pages 206-208
H05703-100R								100'	
H05704-25R	1/4	1/2	50	250	2-1/2	24	9	25'	
H05704-100R								100'	
H05705-25R	5/16	9/16	50	250	2-3/4	24	11	25'	
H05705-100R								100'	
H05706-25R	3/8	5/8	50	250	3	24	12	25'	
H05706-50R								50'	
H05707-25R	7/16	11/16	35	140	3-1/4	24	16	25'	
H05707-50R								50'	

### H077 Fuel Injection Hose SAE 30R9



**Typical Application:** Designed specifically for electronic fuel injection systems

**Inner Tube:** Fluoroelastomer Veneer

**Reinforcement:** Multi-Fiber Braids

**Cover:** ECO (Epichlorohydrin Copolymer)

**Temp. Range:** -30°F to +275°F (-34°C to +135°C)

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
H07704-10	1/4	1/2	125	900	3	24	11	10'	E.F.I. Clamps Page 89
H07705-10	5/16	9/16	125	900	3-3/4	24	13	10'	
H07706-10	3/8	5/8	125	900	4-1/2	24	16	10'	

## Hose - Low Pressure

H338 Air Brake Hose  
SAE J1402 A DOT All



**Typical Application:** Air brake hose lines  
**Inner Tube:** Synthetic EPDM  
**Reinforcement:** Multi-Fiber Braids  
**Cover:** Synthetic EPDM  
**Temp. Range:** -40°F to +200°F (-40°C to +93°C)  
**Color:** Black

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
H33806	3/8	3/4	225	900	3-1/2	24	50'	C-O-C 338 'P' Series Pages 157-159
H33806-250R							250'	
H33808	1/2	7/8	225	900	4	29	50'	Field Attachable 338 'B' Series Pages 214-217
H33808-250R							250'	

H229 Truck Hose  
SAE J1402 TYPE All DOT All



**Typical Application:** General purpose truck hose. High temperature hydraulic, air brake and diesel fuel applications.  
**Inner Tube:** Nitrile  
**Reinforcement:** 2 Fiber Braids  
**Cover:** Fiber Braids  
**Temp. Range:**  
**Air Brake:** -40° to +160°F (-40° to +93°C)  
**Hydraulic:** -40° to +212°F (-40° to +100°C)  
 \*16 size 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	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H22904	3/16	1/2	225	2,000	1-1/2	7	50'	C-O-C 069 'E' Series Pages 100-103
H22904-250R							250'	
H22906	5/16	3/4	225	2,000	2	11	50'	C-O-C 229 'P' Series (sizes -4 to -12) Page 155
H22906-250R							250'	
H22908	13/32	29/32	225	2,000	2-5/16	14	50'	Field Attachable 069 'D' Series Pages 218-219
H22908-250R							250'	
H22910	1/2	1-1/16	225	1,800	2-3/4	21	50'	Field Attachable 247 'N' Series Pages 230-235
H22910-250R							250'	
H22912	5/8	1-1/4	225	1,800	3-1/4	27	50'	Field Attachable 247 'N' Series Pages 230-235
H22912-250R							250'	
H22916*	7/8	1-1/2	225	1,000	4	31	50'	Field Attachable 247 'N' Series Pages 230-235
H22916-250R							250'	

## Hose - Low Pressure

H239 Truck Hose  
SAE J1402 TYPE AII DOT AII



**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.

**Inner Tube:** CPE

**Reinforcement:** 2 Fiber Braids

**Cover:** Black Fiber Braid

**Temp. Range:** Hot Oil: -40°F to +302°F (-40°C to +150°C) sizes -4 through -12. Hot Oil: -40°F to +320°F (-40°C to +160°C) sizes -16 through -20. Air Brake: -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
H23904	3/16	1/2	225	2,000	1-1/2	7	50'	
H23904-250R							250'	
H23906	5/16	21/32	225	2,000	2	11	50'	C-O-C 069 'E' Series Pages 100-103
H23906-250R							250'	
H23908	13/32	3/4	225	2,000	2-5/16	14	50'	C-O-C 229 'P' Series (size -4 thru -10) Page 155
H23908-250R							250'	
H23910	1/2	29/32	225	1,800	2-3/4	21	50'	
H23910-250R							250'	
H23912	5/8	1-1/16	225	1,800	3-1/4	27	50'	Field Attachable 247 'N' Series (size -16 only) Pages 230-235
H23912-250R							250'	
H23916	7/8	1-1/4	225	1,000	4	31	50'	
H23916-250R							250'	
H23920	1-1/8	1-1/2	225	1,000	5-1/2	41	50'	

H429 Truck Hose  
SAE J1019



**Typical Application:** High temperature truck hose for use in transmission oil cooler lines, fuel lines and diesel fuel lines. Oil and temperature resistant tube.

**Inner Tube:** CPE

**Reinforcement:** 1 Wire Braid

**Cover:** Fiber Braid

**Temp. Range:** -55°F to +302°F (-48°C to +150°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
H42908	13/32	11/16	250	1,000	1-3/4	24	50'	C-O-C 757 'E' Series Pages 139-146
H42908-250R							250'	
H42910	1/2	3/4	250	1,000	2-1/4	37	50'	C-O-C 057 'P' Series Page 154
H42910-250R							250'	

# Hose - Low Pressure

## H285 Thermoplastic Hose (Air/Water)



CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORK. PRESS. (PSI) 70°F	WORK. PRESS. (PSI) 150°F	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H28504	1/4	29/64	250	50	1,000	1	7	50'	
H28504-300R								300'	
H28506	3/8	19/32	225	45	900	1-1/4	12	50'	C-O-C 'E' Series Pages 92-99
H28506-300R								300'	
H28508	1/2	3/4	200	40	800	2	15	50'	
H28508-300R								300'	C-O-C 265 'P' Series (sizes -4 to -12) Page 156
H28512	3/4	1-1/32	150	30	600	2-1/2	23	50'	
H28512-300R								300'	
H28516	1	1-5/16	125	25	500	3-1/2	34	50'	
H28516-200R								200'	

Stated working pressures are tested at 70°F. Working pressure decreases as temperature increases. See chart on page 14 showing the relationship between working pressure and temperature for reinforced PVC hose.

## H105 General Purpose Hose (Air/Water)



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
H10504	1/4	5/8	**300	**1,200	3	13	50'	
H10504-600R			*175	*700			600'	C-O-C 'U' Series (sizes -6 thru -16) Pages 163-183
H10506	3/8	3/4	**300	**1,200	3-1/2	18	50'	
H10506-600R			*175	*700			600'	Field Attachable 057 'B' Series (except sizes -8 & -16) Page 206-208
H10508	1/2	7/8	**300	**1,200	4-1/2	23	50'	
H10508-600R			*150	*600			600'	
H10512	3/4	1-3/16	300	**900	5-3/4	37	50'	
H10512-600R			*150	*600			600'	
H10516	1	1-7/16	200	800	7-1/4	60	50'	105 'B' Series (sizes -4 to -12) Page 212-213
H10516-300R							300'	

### NSF International

Typical Application: Suitable for agricultural and food applications. NSF 51 and FDA certified.

Inner Tube: Clear PVC

Reinforcement: 2 Fiber Spirals

Cover: Clear PVC

Cover Color: Clear

Temp. Range: +25°F to +150°F (-4°C to +66°C)

Typical Application: Air and water applications where petroleum contact is limited; some agricultural solutions.

Inner Tube: EPDM

Reinforcement: Multi-Fiber Spiral

Cover: EPDM

Cover Color: Red

Temp. Range:

Air: -40°F to +160°F (-40°C to +71°C)

Water: 32°F to +180°F (0°C to +82°C)

\*When used with 105 'B' and 057 'B' Series only.

\*\*When used with 'U' Series only.

# Hose - Low Pressure

## H275 Thermoplastic Hose (Air/Water)



**Typical Application:** Suitable for transferring air and water.  
**Inner Tube:** PVC  
**Reinforcement:** 2 Fiber Spirals  
**Cover:** PVC  
**Cover Color:** Red  
**Note:** Available in other colors on a made to order basis.  
**Temp. Range:** -10°F to +150°F (-23°C to +65°C)

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORK. PRESS. (PSI) 70°F	WORK. PRESS. (PSI) 150°F	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H27504	1/4	1/2	250	50	1,000	1	7	50'	
H27504-600R								600'	
H27506	3/8	5/8	250	50	1,000	1-1/2	12	50'	C-O-C 'E' Series (sizes -06 thru -16) Pages 92-99
H27506-600R								600'	
H27508	1/2	3/4	250	50	1,000	2-1/8	15	50'	C-O-C 265 'P' Series (sizes -04 thru -12) Page 156
H27508-500R								500'	
H27512	3/4	1-1/32	250	50	1,000	2-1/2	23	50'	
H27512-500R								500'	
H27516	1	1-5/16	200	40	800	3-1/2	34	50'	
H27516-200R								200'	

Stated working pressures are tested at 70°F. Working pressure decreases as temperature increases. See chart on page 14 showing the relationship between working pressure and temperature for reinforced PVC hose.

## H201 General Purpose Hose



**MSHA Accepted (Black only)**  
**Typical Application:** General purpose low pressure air, diesel fuel, oil and water lines.  
**Inner Tube:** Nitrile  
**Reinforcement:** 1 Fiber Braid  
**Cover:** Neoprene (Black), Vinyl Nitrile (Colored Hoses)  
**Temp. Range:** -40°F to +212°F (-40°C to +100°C)  
**Optional Cover Colors:** BU=Blue, GY=Gray, RD=Red, YW=Yellow, GN=Green **Example:** H20108YW-250R  
**Note:** Available in other colors on a made to order basis.

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
H20104	1/4	1/2	250	1,000	3	9	50'	
H20104-250R							250'	
H20104-500R							500'	
H20106	3/8	5/8	250	1,000	3	13	50'	Field Attachable 100 'B' Series Pages 209-211
H20106-250R							250'	
H20106-500R							500'	
H20108	1/2	3/4	250	1,000	5	15	50'	
H20108-250R							250'	
H20108-500R							500'	
H20110-250R	5/8	29/32	250	1,000	6	23	250'	
H20112-250R	3/4	1-1/32	250	1,000	7	26	250'	

# Hose - Low Pressure

H115 Oil Resistant General  
Purpose Hose (Air/Water)



**Typical Application:** Medium oil resistant, water. Ideal for pneumatic tool operation.

**Inner Tube:** Nitrile

**Reinforcement:** Multi-Fiber Braids

**Cover:** Vinyl Nitrile

**Cover Color:** Red

**Temp. Range:** -40°F to +160°F (-40°C to +71°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
H11504	1/4	19/32	300	1,200	3	15	50'	
H11504-550R							550'	
H11505	5/16	21/32	300	1,200	3-1/2	17	50'	C-O-C 'U' Series (except size -05 & -24) Pages 163-183
H11505-550R							550'	
H11506	3/8	23/32	300	1,200	3-1/2	19	50'	C-O-C 430 'U' Series (Size -24) Pages 184-196
H11506-550R							550'	
H11508	1/2	7/8	300	1,200	4-1/2	27	50'	
H11508-550R							550'	
H11512	3/4	1-5/32	300	1,200	5-3/4	41	50'	Field Attachable 057 'B' Series (except sizes -8, -16, -20 & -24) Page 206-208
H11512-550R							550'	
H11516	1	1-7/16	300	1,200	7-1/4	62	50'	
H11516-300R							300'	
H11520	1-1/4	1-3/4	225	900	8-3/4	101	50'	Field Attachable 105 'B' Series (Sizes -4 to -12) Page 212-213
H11520-300R							300'	
H11524	1-1/2	2	225	900	10	106	50'	
H11524-300R							300'	

# Hose - Low Pressure

## H039 Suction Hose SAE 100R4



Marine Application J1942/1 - Hydraulic only. ABS<sup>1</sup>, MSHA Accepted

Typical Application: Hydraulic Suction Hose

Inner Tube: Nitrile Blend

Reinforcement: 3/4" thru 1-1/2" - 1 helical cable wire and 1 fiber braid. 2"

- 1 helical, single-stranded wire and 1 fiber braid.

Cover: Neoprene

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

<sup>1</sup>When used with 039 'K' and 'K' Series Ends and 6203 clamps.

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
H03912	3/4	1-3/8	300	1,200	5	25	44	50'	C-O-C 'S' Series (sizes -12 thru -20) Page 160
H03912-100			*100	*400			100'		
H03912-150							150'		
H03916	1	1-5/8	250	1,000	6	25	66	50'	C-O-C 'U' Series (sizes -12 thru -20) Pages 163-183
H03916-100			*70	*280			100'		
H03916-150							150'		
H03920	1-1/4	1-25/32	200	800	8	25	79	50'	C-O-C 430 'U' Series (sizes -24 & -32) Pages 184-196
H03920-100			*50	*200			100'		
H03920-150							150'		
H03924	1-1/2	2-5/64	150	600	10	25	96	50'	Field Attachable 'K' Series (sizes -12 to -20) Page 220
H03924-100							100'		
H03924-150							150'		
H03932	2	2-1/2	100	400	12	25	130	50'	039 'K' Series (sizes -12 to -20) Page 221
H03932-100							100'		
H03932-150							150'		

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

# Hose - Low Pressure

## H265 Thermoplastic Hose (Air/Water)



**Typical Application:** Suitable for air, water and robotics applications.  
**Inner Tube:** Modified PVC  
**Reinforcement:** 2 Fiber Spirals  
**Cover:** Blue rubber modified thermoplastic  
**Cover Color:** Blue  
**Note:** Available in other colors on a made to order basis.  
**Temp. Range:** -20°F to +180°F (-29°C to +82°C)

CATALOG NUMBER	HOSE I.D.	HOSE O.D.	WORK. PRESS. (PSI) 70°F	WORK. PRESS. (PSI) 150°F	MIN. BURST PRESS. (PSI)	MIN. BEND RADIUS	WT. PER 100 FT.	AVAIL. LENGTHS	HOSE END
H26504	1/4	1/2	350	70	1,400	3/4	9	50'	
H26504-600R								600'	
H26506	3/8	41/64	350	70	1,400	1-1/4	12	50'	C-O-C 'E' Series (sizes -06 thru -16) Pages 92-99
H26506-600R								600'	
H26508	1/2	25/32	300	60	1,200	2	17	50'	
H26508-500R								500'	
H26512	3/4	1-1/16	250	50	1,000	2-1/2	26	50'	C-O-C 265 'P' Series (sizes -04 thru -12) Page 156
H26512-500R								500'	
H26516	1	1-5/16	200	40	800	3-1/2	35	50'	
H26516-200R								200'	

Stated working pressures are tested at 70°F. Working pressure decreases as temperature increases. See chart on page 14 showing the relationship between working pressure and temperature for reinforced PVC hose.

## H100 General Purpose Hose (Fabric Cover)



**Typical Application:** General purpose low pressure air, diesel fuel, oil, and water lines.  
**Inner Tube:** Nitrile  
**Reinforcement:** 1 Fiber Braid  
**Cover:** Fiber Braid  
**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
H10004	1/4	1/2	350	1,400	3	10	50'	
H10004-250R							250'	
H10005	5/16	9/16	350	1,400	3	10	50'	
H10005-250R							250'	
H10006	3/8	5/8	350	1,400	3	11	50'	
H10006-250R							250'	
H10008	1/2	3/4	350	1,400	5	12	50'	
H10008-250R							250'	
H10010	5/8	29/32	350	1,400	6	18	50'	
H10010-250R							250'	
H10012	3/4	1-1/32	350	1,400	7	21	50'	
H10012-250R							250'	

Field Attachable 100 'B' Series Pages 209-211



# Hose - Low Pressure

## H101 General Purpose Hose (Rubber Cover)



### MSHA Accepted

**Typical Application:** General purpose low pressure air, oil, water and diesel fuel lines.

**Inner Tube:** Nitrile

**Reinforcement:** 1 Fiber 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
H10104	1/4	1/2	350	1,400	3	9	50'	
H10104-250R							250'	
H10105	5/16	9/16	350	1,400	3	11	50'	
H10105-250R							250'	
H10106	3/8	5/8	350	1,400	3	13	50'	
H10106-250R							250'	
H10108	1/2	3/4	350	1,400	5	15	50'	
H10108-250R							250'	
H10110	5/8	29/32	350	1,400	6	23	50'	
H10110-250R							250'	
H10112	3/4	1-1/32	350	1,400	7	26	50'	
H10112-250R							250'	

Field  
Attachable  
100' B'  
Series  
Pages 209-211

## H366 LPG Hose UL File Number MH 6776 ULMH 10198



**Typical Application:** Most commonly used for medium pressure LP gas service. UL listed for LP gas applications

**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)

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
H36606	5/16	43/64	350	1,750	4	18	50'	
H36606-250R							250'	C-O-C 068 'E' Series Pages 100-103 Field Attachable
H36608	13/32	49/64	350	1,750	4-5/8	21	50'	
H36608-250R							250'	069 'D' Series Pages 218-219 247 'N' Series Pages 230-235

# Hose - Low Pressure

H009 General  
Purpose Hose  
SAE 100R6



Marine Application, SAE J1942/1 - Hydraulic only<sup>1</sup>  
MSHA Accepted

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

Inner Tube: Nitrile

Reinforcement: 1 Fiber 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
H00904-25R	1/4	1/2	400	1,600	2-1/2	10	25'	C-O-C 'E' Series (sizes -5 to -8) Pages 92-99
H00904-50R							50'	
H00904-250R							250'	
H00905-25R	5/16	9/16	400	1,600	3	12	25'	Field Attachable 009 'B' Series Pages 205
H00905-50R							50'	
H00905-250R							250'	
H00906-25R	3/8	5/8	400	1,600	3	14	25'	
H00906-50R							50'	
H00906-250R							250'	
H00908	1/2	25/32	400	1,600	4	20	50'	
H00908-250R							250'	

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

# Hose - Low Pressure

## H757 Air Conditioning Hose SAE J2064 Type C Class 1



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

**Inner Tube:** Rubber/Nylon/Rubber

**Reinforcement:** 1 Fiber Braid

**Cover:** Butyl (perforated)

**Temperature 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

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
H75706	5/16	9/16	400	2,000	2	25.4	10	50'	
H75706-100								100'	
H75706-250								250'	
H75708	13/32	11/16	400	2,000	2-1/2	25.4	12	50'	
H75708-100								100'	
H75708-250								250'	
H75710	1/2	3/4	350	1,750	3	25.4	13	50'	
H75710-100								100'	
H75710-250								250'	
H75712	5/8	15/16	350	1,750	4	25.4	23	50'	
H75712-100								100'	
H75712-250								250'	

C-0-C  
757 'E'  
Series  
Black  
Zinc  
Pages  
139-146

## GH134 Multi-Refrigerant Hose

SAE J2064 Type E Class 1



**Typical Application:** Transportation, refrigeration and air conditioning systems.

**Temp. Range:** -22°F to +257°F (-30°C to +125°C).

**R404a Effusion:** .2 lbs./ft<sup>2</sup>/yr. at 140°F (.8 kg./m<sup>2</sup>/yr. at 60°C)

**HFC 134a Effusion:** .50 lbs./ft<sup>2</sup>/yr. at 176°F (2.42 kg./m<sup>2</sup>/yr. at 80°C)

**R22 Effusion:** 27.7 lbs./ft<sup>2</sup>/yr. at 158°F (135 kg./m<sup>2</sup>/yr. at 70°C)

**R407C Effusion:** 20 kg./m<sup>2</sup>/yr. at 80°C

**Moisture Ingression:** .08 gm./in<sup>2</sup>/yr. (.013/cm<sup>2</sup>/yr)

CATALOG NUMBER	HOSE I.D. MM/IN	HOSE O.D. MM/IN	WORKING PRESS. BAR/PSI	E-Z CLIP MIN. BURST PRESS. BAR/PSI	MIN. BEND RADIUS MM/IN	WT. PER 100 FT. POUNDS	HOSE END
GH134-6W	7.9/31	14.7/58	35/500	140/2000	50/2.00	.09	
GH134-8W	10.3/41	17.8/70	35/500	140/2000	63/2.50	.12	
GH134-10W	12.7/50	19.8/78	35/500	140/2000	76.2/3.00	.15	
GH134-12W	15.9/63	24.9/98	35/500	140/2000	101.6/4.00	.18	

E-Z Clip Series  
Pages 115-138

## Hose - Low Pressure

**H059 Marine Fuel-Oil-Lube**  
Hose SAE J1942/1, NMMA<sup>3</sup>,  
33CFR183, ABS



**Marine Application SAE J1942/1 Fuel and Lube Service, ABS<sup>1</sup>**  
**Typical Applications:** 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.  
**Inner Tube:** Special Blended Nitrile  
**Reinforcement:** 1 Fiber Braid - 1 Steel Braid - 1 Nomex<sup>®</sup> Braid  
**Cover:** CPE  
**Cover Color:** Blue  
**Temperature Range:** -4°F to +212°F (-20°C to +100°C)  
<sup>3</sup>Size -5 Does not meet NMMA standards

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
H05904	3/16	33/64	500	2,000	3/4	16	50'	
H05904-250R							250'	
H05905	1/4	37/64	500	2,000	1	20	50'	C-O-C 069 'E' Series
H05905-250R							250'	Pages 100-103
H05906	5/16	43/64	500	2,000	1-1/4	26	50'	C-O-C 229 'P' Series
H05906-250R							250'	(For sizes -04, -06, -08 & -10 size) Page 155
H05908	13/32	49/64	500	2,000	1-3/4	29	50'	
H05908-250R							250'	
H05910	1/2	59/64	500	2,000	2-1/4	40	50'	
H05910-250R							250'	Field Attachable
H05912	5/8	1-5/64	500	2,000	2-3/4	46	50'	247 'N' Series
H05912-250R							250'	Pages 230-235
H05916	7/8	1-15/64	500	2,000	3-1/2	48	50'	
H05916-250R							250'	

**H017 Hydraulic Hose**  
SAE 100R3



**Marine Application J1942/1/1 - Hydraulic only<sup>1</sup>**  
**MSHA Accepted**  
**Typical Application:** Low pressure fuel & oil lines. Hydraulic return lines.  
**Inner Tube:** Nitrile  
**Reinforcement:** 2 Fiber Braids  
**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
H01704	1/4	9/16	1,250	5,000	3	13	50'	
H01704-250R							250'	
H01706	3/8	3/4	1,125	4,500	4	22	50'	
H01706-250R							250'	
H01708	1/2	15/16	1,000	4,000	5	28	50'	
H01708-250R							250'	
H01712	3/4	1-1/4	750	3,000	6	43	50'	C-O-C 'U' Series
H01712-250R							250'	Pages 163-183
H01716	1	1-1/2	565	2,250	8	64	50'	
H01716-250R							250'	
H01720	1-1/4	1-3/4	375	1,500	10	80	50'	
H01720-100							100'	

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

## 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'	
H16604-250R								250'	
H16605	1/4	37/64	500	2,000	1-3/4	25	13	50'	
H16605-250R								250'	C-O-C 069 'E' Series Pages 100-103
H16606	5/16	43/64	500	2,000	2	25	18	50'	
H16606-250R								250'	Field Attachable 069 'D' Series Pages 218-219
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'	
H16612-250R								250'	247 'N' Series except -20 size) Pages 230-235
H16616*	7/8	1-15/64	250	1,000	4	25	38	50'	
H16616-250R*								250'	
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'	
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'	C-O-C 'E' Series Pages 92-99
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 190° 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'	
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'	

Field  
Attachable  
213 'N'  
Series  
Pages  
226-229

# Hose - Medium Pressure

## H324 Power Steering Hose GAE J188TYPE 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 GAE 100R1 TYPE AT, ABS



**MSHA Accepted**

**Marine Application J1942/1/1 - Fuel and Lube Service, ABS<sup>1</sup>**

**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'	
H10404-250R							250'	
H10404-500R							500'	
H10406	3/8	23/32	2,250	9,000	5	23	50'	C-O-C 'S' Series (except -10 size) Page 160
H10406-250R							250'	
H10406-500R							500'	
H10408	1/2	27/32	2,000	8,000	7	29	50'	
H10408-250R							250'	C-O-C 'U' Series Page 163-183
H10408-500R							500'	
H10410	5/8	31/32	1,500	6,000	8	35	50'	
H10410-250R							250'	Field Attachable 104 'N' Series (except -10 size) Page 222-225
H10412	3/4	1-1/8	1,250	5,000	9-1/2	41	50'	
H10412-250R							250'	
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'	
H10420-100							100'	

See 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, I,  
DOT AIII, ABS



## ABS<sup>1</sup>

**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)

<sup>1</sup>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'	
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'	

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

<sup>1</sup>See 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'	
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'	C-O-C 'E' Series Pages 92-99
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'	
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'	C-O-C 'E' Series Pages 85-92-99
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 only<sup>1</sup>

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

**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

<sup>1</sup>See 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'	
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'	

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

## 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

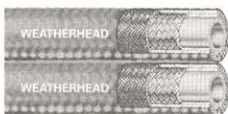
**Cover Color:** Orange

**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'	
H43504-500R							500'	
H43505	5/16	9/16	2,500	10,000	1-1/2	7	50'	C-O-C 'E' Series Pages 92-99
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'	
H43555-250R							250'	
H43556	5/16, 3/8		Same as H435		2	15	50'	
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'	

C-O-C 'E'  
Series Pages  
92-99

Field  
Attachable  
436 'N'  
Series  
Pages 240-241

## 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 CO<sub>2</sub> and nitrogen. Perforated cover permits breathing, eliminating condensation and blistering.

**Inner Tube:** Nylon 11

**Reinforcement:** 2 Fiber Braids

**Cover:** Polyurethane (Perforated)

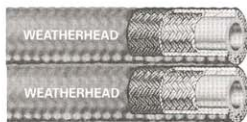
**Temp. Range:** -40°F to +200°F (-40°C to +93°C)

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'	C-O-C 'E' Series Pages 92-99
H43604-500R							500'	
H43605	5/16	9/16	2,500	10,000	1-1/2	7	50'	Field Attachable 436 'N' Series Pages 240-241
H43605-500R							500'	
H43606	3/8	5/8	2,250	9,000	2	8	50'	
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 CO<sub>2</sub> 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		Same as H436		1	10	50'	C-O-C 'E' Series Pages 92-99		
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'							

C-O-C 'E'  
Series  
Pages 92-99

Field  
Attachable  
436 'N'  
Series  
Pages  
240-241

# Hose - High Pressure

## H114 Hydraulic Hose



### MSHA Accepted

**Typical Application:** 3,000 PSI continuous working pressure hose. Ideal for farm implement high temperature hydraulic lines. Will work with synthetic or petroleum-based fluids.

**Inner Tube:** Hytrel

**Reinforcement:** 1 Steel Braid

**Cover:** Neoprene

**Temp. Range:** -40° F to +250° F (-40° C to +121° 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
H11404	1/4	1/2	3,000	12,000	4	11	50'	
H11404-250R							250'	
H11404-500R							500'	
H11406	3/8	41/64	3,000	12,000	5	18	50'	C-O-C 'S' Series Page 160
H11406-250R							250'	
H11406-500R							500'	C-O-C 'U' Series Pages 163-183
H11408	1/2	13/16	3,000	12,000	7	25	50'	
H11408-250R							250'	
H11408-500R							500'	

## H190 Hydraulic Hose

SAE 100R1 Type AT, EN 853 Type 1SN



### MSHA Accepted

ISO 1436a

**Marine Application J1942/1 Hydraulic Service<sup>1</sup>**

**Typical Application:** Transfer of hydraulic fluid, water and air.

**Inner Tube:** Nitrile

**Reinforcement:** 1 Steel Braid

**Cover:** Vinyl Nitrile

**Temp. Range:** Petroleum based Hydraulic Fluids: -40°F to +212°F (-40°C to +100°C). Water based Hydraulic Fluids: -40°F to +158°F (-40°C to +70°C). Water: +32°F to 158°F (0°C to 70°).

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
H19004	1/4	17/32	3,265	13,060	4	15	50'	
H19004-250R							250'	
H19004-500							500'	
H19006	3/8	11/16	2,610	10,440	5	21	50'	
H19006-250R							250'	
H19006-500							500'	
H19008	1/2	13/16	2,320	9,280	7	28	50'	
H19008-250R							250'	
H19008-500							500'	C-O-C 'W' Series Pages 197-204
H19010	5/8	15/16	1,885	7,540	8	33	50'	
H19010-250R							250'	
H19012	3/4	1-3/32	1,525	6,100	9-1/2	41	50'	
H19012-250R							250'	
H19016	1	1-13/32	1,275	5,100	12	60	50'	
H19016-250R							250'	

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



# Hose - High Pressure

## H345 Pressure Washer Hose



MSHA Accepted, IC - 46/10

**Typical Application:** Pressure washer hose for cold and hot water. Resistant to usual detergents. Not for use with steam applications.

**Inner Tube:** Nitrile

**Reinforcement:** 1 Steel Braid

**Cover:** Vinyl Nitrile

**Cover Color:** Blue

**Temp. Range:** Pressure Washer Service Up to 0°F to +200°F (-180°C to +93°C); Hydraulic Service -40°F to +250°F (-40°C to +121°C)

\*50 and \*100 are one continuous length.

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
H34504	1/4	31/64	3,000	12,000	2	13	*50'	
H34504-100							*100'	
H34504-250R							250'	
H34504-500R							500'	
H34506	3/8	41/64	3,000	12,000	2-1/2	18	*50'	
H34506-100							*100'	
H34506-250R							250'	
H34506-500R							500'	
H34508	1/2	25/32	3,000	12,000	3-1/2	28	*50'	
H34508-100							*100'	
H34508-250R							250'	
H34508-500R							500'	

C-O-C  
'M' Series  
Pages  
147-153

## H146 3000 PSI Hydraulic Hose



**Typical Application:** 3,000 PSI continuous working pressure hose.

Ideal for Arctic cold weather hydraulic applications, as well as for farm implement high temperature hydraulic lines. Will work with synthetic or petroleum-based fluids.

**Inner Tube:** Hytrel

**Reinforcement:** 1 Steel Braid

**Cover:** Abrasion Resistant Fiber Braid

**Temp. Range:** -65°F to +250°F (-53°C to +121°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
H14604	1/4	33/64	3,000	12,000	4	11	50'	
H14604-250R							250'	
H14606	3/8	43/64	3,000	12,000	5	18	50'	
H14606-250R							250'	
H14608	1/2	13/16	3,000	12,000	7	25	50'	
H14608-250R							250'	

C-O-C 'U'  
Series  
Pages  
163-183

# Hose - High Pressure

## H145 Hydraulic Hose SAE 100R17



### Marine Application J1942/1 - Hydraulic only<sup>1</sup> MSHA Accepted

**Typical Application:** Ideal for use in high pressure lines on off road construction equipment, farm equipment, and other high pressure applications where a small bend radius is needed.

**Inner Tube:** Nitrile

**Reinforcement:** 4-6 Size: 1 Steel Braid

8-16 Size: 2 Steel Braids

**Cover:** Neoprene

**Temp. Range:** 4-8 Size: -40° F to +250° F (-40° C to +121° C)

10-16 Size: -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
H14504	1/4	1/2	3,045	12,180	2	13	50'	
H14504-250R							250'	
H14504-500R							500'	
H14506	3/8	41/64	3,045	12,180	2-1/2	18	50'	C-O-C 'M' Series (sizes -4, -6, -8 & -10) Page 147-153
H14506-250R							250'	
H14506-500R							500'	
H14508	1/2	13/16	3,045	12,180	3-1/2	36	50'	C-O-C 'S' Series (except size-10) Page 160
H14508-250R							250'	
H14508-500R							500'	
H14510	5/8	31/32	3,045	12,180	4	42	50'	C-O-C 'U' Series (sizes -4 thru -12 only) Pages 163-183
H14510-250R							250'	
H14512	3/4	1-5/32	3,045	12,180	4-3/4	54	50'	C-O-C 430 'U' (size -16 only) Pages 184-196
H14512-250R							250'	
H14516	1	1-15/32	3,045	12,180	6	91	50'	
H14516-250R							250'	

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

# Hose - High Pressure

H545 *RhinoHide™* Abrasion  
Resistant Constant  
Pressure Hydraulic Hose



**Typical Application:** 3,000 PSI constant working pressure hose with abrasion resistant cover. Ideal for logging, construction, mining and other off highway applications.

**Inner Tube:** Nitrile

**Reinforcement:** 4-6 Size: 1 Steel Braid; 8-16 Size: 2 Steel Braids

**Cover:** Abrasion resistant (woven nylon)

**Temp. Range:** -40°F + 250°F (-40°C to +121°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
H54504	1/4	17/32	3,000	12,000	2	14	50'	
H54504-250R							250'	
H54504-500R							500'	C-O-C 'M' Series (size -8 only) Pages 147-153
H54506	3/8	5/8	3,000	12,000	2-1/2	18	50'	
H54506-250R							250'	
H54506-500R							500'	C-O-C 'S' Series (sizes -4, -6, -8 & -12 only) Pages 160
H54508	1/2	13/16	3,000	12,000	3-1/2	32	50'	
H54508-250R							250'	
H54508-500R							500'	C-O-C 'U' Series (sizes -4 thru -12 only) Pages 163-183
H54510	5/8	15/16	3,000	12,000	4	37	50'	
H54510-250R							250'	
H54512	3/4	1-1/8	3,000	12,000	4-3/4	54	50'	
H54512-250R							250'	C-O-C 430 'U' Series (sizes -16 only) Pages 184-196
H54516	1	1-13/32	3,000	12,000	6	86	50'	
H54516-250R							250'	

# Hose - High Pressure

## H335 Non-Conductive Hose SAE 100R8 EN 855 Type R8



**Typical Application:** Compatible with 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

**Reinforcement:** Multiple Fiber Braids

**Cover:** Polyurethane (Perforated)

**Cover Color:** Orange

**Temp. Range:** Petroleum/Synthetic based Hydraulic Fluids: -40°F to +212°F (-40°C to +100°C)

Water-Based Hydraulic Fluids: -32°F to +158°F (-0°C to +70°C)

Fire Resistant Fluids: -40°F to +158°F (-40°C to +70°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
H33503-250R	3/16	33/64	5,000	20,000	1-1/2	8	250'	
H33504	1/4	5/8	5,000	20,000	2	12	50'	
H33504-250R							250'	
H33504-500R							500'	
H33506	3/8	13/32	4,000	16,000	2-1/2	15	50'	
H33506-250R							250'	
H33508	1/2	57/64	3,500	14,000	4	19	50'	
H33508-250R							250'	
H33512	3/4	1-9/64	2,250	9,000	6-1/2	26	50'	
H33512-200R							200'	
H33516	1	1-15/32	2,000	8,000	10	38	50'	
H33516-200R							200'	

C-O-C 336 'E'  
Series Pages  
104-108

# Hose - High Pressure

## H336 Perforated Cover Hose SAE 100R8 EN 855 Type R8



**Typical Application:** General hydraulic applications, High Pressure Pneumatic systems. H336 is compatible with petroleum and synthetic based hydraulic fluids.

**Inner Tube:** Nylon

**Reinforcement:** Multiple Fiber Braids

**Cover:** Perforated Polyurethane

**Temp. Range:** Petroleum/Synthetic based Hydraulic Fluids: -40°F to +212°F (-40°C to +100°C)

Water-Based Hydraulic Fluids: -32°F to +158°F (-0°C to +70°C)

Fire Resistant Fluids: -40°F to +158°F (-40°C to +70°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
H33603	3/16	33/64	5,000	20,000	1-1/2	8	50'	
H33603-250R							250'	
H33604	1/4	5/8	5,000	20,000	2	12	50'	
H33604-250R							250'	
H33604-500R							500'	
H33606	3/8	13/32	4,000	16,000	2-1/2	15	50'	
H33606-250R							250'	
H33608	1/2	57/64	3,500	14,000	4	19	50'	
H33608-250R							250'	
H33612	3/4	1-9/64	2,250	9,000	6-1/2	26	50'	
H33612-200R							200'	
H33616	1	1-15/32	2,000	8,000	10	38	50'	
H33616-200R							200'	

C-O-C 336  
'E' Series  
Pages  
104-108

# Hose - High Pressure

H245 High Pressure  
Hydraulic Hose  
SAE 100R16, ABS

**HI-R FLEX™**

MSHA Accepted, ABS<sup>1</sup>  
Marine Application J1942 - Fuel and Lube Service.<sup>1</sup>

**Typical Application:** Most commonly used for high pressure lines on off road construction equipment, farm equipment and other high pressure applications. Compatible with water/glycol, water, generic hydraulic fluids, and diesel fuel.

**Inner Tube:** Nitrile Blend  
**Reinforcement:** 2 Steel Braids  
**Cover:** Neoprene

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

WEATHERHEAD



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
H24504	1/4	17/32	5,000	20,000	2	19	50'	
H24504-250R							250'	
H24504-500R							500'	C-O-C 'M' Series (size -4, -6, -8 & -10 only) Pages 147-153
H24506	3/8	11/16	4,000	16,000	2-1/2	29	50'	
H24506-250R							250'	
H24506-500R							500'	
H24508	1/2	13/16	3,500	14,000	3-1/2	36	50'	
H24508-250R							250'	
H24508-500R							500'	C-O-C 'S' Series (except -10 size) Page 160
H24510	5/8	15/16	2,750	11,000	4	42	50'	
H24510-250R							250'	
H24512	3/4	1-3/32	2,250	9,000	4-3/4	54	50'	
H24512-250R							250'	C-O-C 'U' Series Pages. 163-183
H24516	1	1-13/32	2,000	8,000	6	81	50'	
H24516-250R							250'	C-O-C 430 'U' Series (sizes -12, -16 & -20) Pages 184-196
H24520	1-1/4	1-25/32	1,625	6,500	8-1/4	114	50'	
H24520-150							150'	

H325 SUB ZERO™ High  
Pressure Hydraulic Hose

**Typical Application:** For non-impulse, high pressure hydraulic service, specifically designed for use in frigid environment, where temperatures to -67°F are encountered.

**Inner Tube:** Oil and heat resistant black synthetic rubber  
**Reinforcement:** 2 Steel Braids  
**Cover:** Oil, abrasion and weather resistant synthetic rubber.  
**Cover Color:** Black with highly visible blue layline  
**Temp. Range:** -67° to +175°F (-55°C to +80°C)

WEATHERHEAD



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
H32504-250R	1/4	19/32	5,000	20,000	4	26	250'	
H32506-250R	3/8	3/4	4,000	16,000	5	37	250'	
H32508-250R	1/2	7/8	3,500	14,000	7	45	250'	C-O-C 'U' Series Pages 163-183
H32512-250R	3/4	1-5/32	2,250	9,000	9-1/2	67	250'	
H32516-250R	1	1-1/2	2,000	8,000	12	98	250'	

<sup>1</sup> See page 29-30 for applicable service pressures, required fire sleeves and qualified hose ends.

# Hose - High Pressure

H280 Hydraulic Hose  
100R16 EN 857 Type 2SC



MSHA Accepted, Marine Application J1942/1 - Hydraulic only<sup>1</sup>  
Typical Application: High pressure hose for hydraulic fluid.

Water transfer.

Inner Tube: Nitrile

Reinforcement: 2 Steel Braids

Cover: Vinyl Nitrile

Temp. Range: Petroleum based Hydraulic Fluids: -40°F to +212°F  
(-40°C to +100°C). Water based Hydraulic Fluids: -40°F to +158°F  
(-40°C to +70°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
H28004	1/4	17/32	5,800	23,200	2	18	50'	
H28004-250R							250'	
H28004-500							500'	
H28006	3/8	11/16	4,800	19,200	2-1/2	27	50'	
H28006-250R							250'	
H28006-500							500'	
H28008	1/2	13/16	4,000	16,000	3-1/2	34	50'	
H28008-250R							250'	
H28008-500							500'	
H28010	5/8	15/16	3,630	14,520	4	40	50'	
H28010-250R							250'	
H28012	3/4	1-3/32	3,120	12,480	4-3/4	54	50'	
H28012-250R							250'	
H28016	1	1-13/32	2,400	9,600	6	80	50'	
H28016-250R							250'	

C-0-C  
W Series  
Pages  
197-204

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

# Hose - High Pressure

H290 Hydraulic Hose  
100R2 EN 853 Type 2SN



MSHA Accepted

Marine Application J1942/1 - Hydraulic only<sup>1</sup>

Typical Application: High pressure hose for hydraulic fluid applications.  
Transfer water also.

Inner Tube: Nitrile

Reinforcement: 2 Steel Braids

Cover: Vinyl Nitrile

Temp. Range: Petroleum based Hydraulic Fluids: -40°F to +212°F (-40°C to +100°C). Water based Hydraulic Fluids: -40°F to +158°F (-40°C to +70°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
H29004	1/4	19/32	5,800	23,200	4	24	50'	
H29004-250R							250'	
H29004-500							500'	
H29006	3/8	3/4	4,800	19,200	5	33	50'	
H29006-250R							250'	
H29006-500							500'	
H29008	1/2	7/8	4,000	16,000	7	42	50'	
H29008-250R							250'	
H29008-500							500'	
H29010	5/8	1	3,630	14,520	8	50	50'	
H29010-250R							250'	
H29012	3/4	1-5/32	3,120	12,480	9-1/2	63	50'	
H29012-250R							250'	
H29016	1	1-1/2	2,400	9,600	12	90	50'	
H29016-250R							250'	

C-O-C  
W Series  
Pages  
197-204

<sup>1</sup>See pages 29-30 or applicable service pressures, required fire sleeves and qualified hose ends.



# Hose - High Pressure

H425 High Pressure  
Hydraulic Hose  
SAE 100R2 TYPE AT

WEATHERHEAD



MSHA Accepted

Marine Application J1942/1 - Hydraulic (-4 thru -32) Fuel (-4 through -20).<sup>1</sup>  
ABS<sup>1</sup>

**Typical Application:** Most commonly used for high pressure lines on off road construction equipment, farm equipment and other high pressure applications.

**Inner Tube:** Nitrile (Neoprene -4 only)

**Reinforcement:** 2 Steel Braids

**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
H42504	1/4	19/32	5,000	20,000	4	28	50'	
H42504-250R							250'	
H42504-500R							500'	C-O-C 'S' Series (except sizes -10, -24 & -32) Pages 160
H42506	3/8	3/4	4,000	16,000	5	38	50'	
H42506-250R							250'	
H42506-500R							500'	
H42508	1/2	7/8	3,500	14,000	7	45	50'	
H42508-250R							250'	
H42508-500R							500'	C-O-C 'U' Series (except sizes -24 & -32) Pages 163-183
H42510	5/8	1	2,750	11,000	8	51	50'	
H42510-250R							250'	
H42512	3/4	1-5/32	2,250	9,000	9-1/2	66	50'	
H42512-250R							250'	C-O-C 430 'U' Series (sizes -12 thru -32) Pages 184-196
H42516	1	1-1/2	2,000	8,000	12	95	50'	
H42516-250R							250'	
H42520	1-1/4	1-7/8	1,625	6,500	16-1/2	142	50'	
H42520-150							150'	Field Attachable 425 'N' Series (except size -10) Pages 240-241
H42524	1-1/2	2-5/32	1,250	5,000	20	176	50'	
H42524-100							100'	
H42532	2	2-21/32	1,125	4,500	25	208	50'	

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

## Hose - Very High Pressure

### H350 High Pressure Hydraulic Hose



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
H35006	3/8	11/16	3,500	14,000	2-1/2	29	50'	C-O-C 'M' Series (Sizes -06 to -10 only) Pages 147-153
H35006-250R							250'	
H35008	1/2	13/16	3,500	14,000	3-1/2	36	50'	C-O-C 'U' Series (Sizes -06 & -08 only) Pages 163-183
H35008-250R							250'	
H35010	5/8	1	3,500	14,000	4	60	50'	C-O-C 430 'U' Series (Sizes -12 & -16 only) Pages 184-196
H35010-250R							250'	
H35012	3/4	1-5/32	3,500	14,000	4-3/4	70	50'	
H35012-250R							250'	
H35016	1	1-1/2	3,500	14,000	12	140	50'	
H35016-150R							150'	

#### MSHA Accepted

**Typical Application:** Most commonly used for high pressure lines on off road equipment, farm equipment and other high pressure applications. Compatible with water/glycol, water and hydraulic fluids.

**Inner Tube:** Nitrile

**Reinforcement:** 6-12 sizes - 2 Steel Braids, 16 size - 4 Spiral-Steel Plies

**Cover:** Neoprene

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

### H400 Very High Pressure Hydraulic Hose



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
H40010-250R	5/8	1	4,000	16,000	4	60	250'	C-O-C 'M' Series Pages 147-153
H40012-250R	3/4	1-3/64	4,000	16,000	4-3/4	64	250'	

#### MSHA Accepted, IC - 46/9

**Typical Application:** Most commonly used for high pressure lines on off the road equipment, farm equipment and other high pressure applications. Compatible with water/glycol, water and hydraulic fluids.

**Inner Tube:** Nitrile

**Reinforcement:** 2 Steel Braids

**Cover:** Vinyl Nitrile

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

# Hose - Very High Pressure

H430 Very High Pressure  
Hydraulic Hose  
SAE 100R12, ABS



MSHA Accepted

Marine Application J1942/1 - Hydraulic only<sup>1</sup>, ABS<sup>1</sup>

Hose must be skived when using 430 'E' Series hose ends.

**Typical Application:** For very high pressure hydraulic lines subjected to pressure surges and flexing. Typical applications include construction, mining, farming and high performance industrial equipment.

**Inner Tube:** Neoprene

**Reinforcement:** 4 Spiral Steel Plies

**Cover:** Hypalon

**Cover Color:** Gray

**Temp. Range:** -40°F to +250°F (-40°C to +121°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
H43008	1/2	15/16	4,000	16,000	7	58	50'	
H43008-100							100'	
H43008-150							150'	
H43012	3/4	1-7/32	4,000	16,000	9-1/2	87	50'	
H43012-100							100'	
H43012-150							150'	
H43016	1	1-33/64	4,000	16,000	12	140	50'	
H43016-100							100'	
H43016-150							150'	
H43020	1-1/4	1-7/8	3,000	12,000	16-1/2	184	50'	
H43020-100							100'	
H43020-150							150'	
H43024	1-1/2	2-1/8	2,500	10,000	20	210	50'	
H43024-100							100'	
H43024-150							150'	
H43032	2	2-21/32	2,500	10,000	25	281	50'	
H43032-100							100'	
H43032-150							150'	

C-O-C 430 'U'  
Series  
No Skive  
Pages  
184-196

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

# Hose - Very High Pressure

H470 Very High Pressure  
Hydraulic Hose  
SAE 100R13



Hose must be skived.

MSHA Accepted

Marine Application J1942/1 (-12 thru -20)

Typical Application: For very high pressure hydraulic lines subjected to pressure surges and flexing. Typical applications include construction, mining, farming and high performance industrial equipment.

Inner Tube: Neoprene

Reinforcement: Multi-Spiral Steel (8,12,16, 4 plies) (20,24,32, 6 plies)

Cover: EPDM

Cover Color: size -08 Black, sizes -12 to -32 Brown

Temp. Range: Size -08: -40° F to +212° F (-40° C to +100° C)

Size -12 thru -32: -40° F to +250° F (-40° C to +121° 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
H47008*	1/2	31/32	5,000	20,000	7	65	50'	C-O-C 470 'E' Series Pages 109-114
H47012	3/4	1-1/4	5,000	20,000	9-1/2	109	50'	
H47016	1	1-17/32	5,000	20,000	12	142	50'	
H47020	1-1/4	1-31/32	5,000	20,000	16-1/2	252	50'	C-O-C 570 'S' Series (except size -8) Pages 161-162
H47024	1-1/2	2-1/4	5,000	20,000	20	325	50'	
H47032	2	2-13/16	5,000	20,000	25	505	50'	

\* Size -8 does not meet SAE 100R13.