

# 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'	C-O-C 'W' Series Pages 197-204
H19008-250R							250'	
H19008-500							500'	
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)

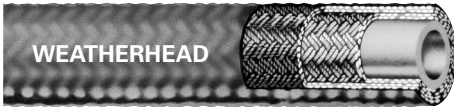
**Temp. Range:** -40°F + 250°F (-40°C to +121°C)

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

# 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)

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

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'	C-O-C 'U' Series Pages 163-183
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'	
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-O-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-Q-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 100R2TYPE AT



**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
H42506	3/8	3/4	4,000	16,000	5	38	50'	(except sizes -10, -24 & -32) Pages 160
H42506-250R							250'	
H42506-500R							500'	
H42508	1/2	7/8	3,500	14,000	7	45	50'	C-O-C 'U' Series
H42508-250R							250'	(except sizes -24 & -32) Pages 163-183
H42508-500R							500'	
H42510	5/8	1	2,750	11,000	8	51	50'	
H42510-250R							250'	C-O-C 430 'U' Series (sizes -12 thru -32) Pages 184-196
H42512	3/4	1-5/32	2,250	9,000	9-1/2	66	50'	
H42512-250R							250'	
H42516	1	1-1/2	2,000	8,000	12	95	50'	
H42516-250R							250'	Field Attachable 425 'N' Series (except size -10) Pages 240-241
H42520	1-1/4	1-7/8	1,625	6,500	16-1/2	142	50'	
H42520-150							150'	
H42524	1-1/2	2-5/32	1,250	5,000	20	176	50'	
H42524-100							100'	
H42532	2	2-21/32	1,125	4500	25	208	50'	

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