

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 Service¹

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'	

¹See 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 only¹ 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)

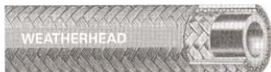
10-16 Size: -40° F to +212° F (-40° C to +100° C)

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'	

¹See 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, ABS¹
Marine Application J1942 - Fuel and Lube Service.¹

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'	
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)

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'	

¹ 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 only¹
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

¹See 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 only¹

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

¹See 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).¹
ABS¹

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'	

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