

CSI Couplamatic Systems Inc.

INNOVATION IN HYDRAULIC HOSE ASSEMBLY SYSTEMS AND COMPONENTS



Serving the

Hydraulic Industry

Since

1959



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A
HOSE

B
VARI-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS,

G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

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BULK HOSE

A
HOSE



B
VARI-CRIMP
COUPLINGS

**SAE 100R1AT No. 57MB-1
DOMESTIC THIN COVER
1-WIRE HYDRAULIC HOSE**

Applications: Medium Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant cover, MSHA approved.

Reinforcement: One Wire Braid

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp pg B1, A Series pg B18, Grip-Crimp pg C1, Reusable pg F1

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
3/8"	0.690	2,250	9,000	5	23 lbs.	250'
1/2"	0.812	2,000	8,000	7	29 lbs.	250'

WHILE SUPPLIES LAST! SEE 56MB-1 FOR REPLACEMENT.

E
QUICK
COUPLERS



F
REUSABLES,
PUSHON, ACCESS.

**SAE 100R1AT /1SN No. 56MB-1
IMPORT THIN COVER
1-WIRE HYDRAULIC HOSE**

Applications: Medium Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant cover, MSHA approved.

Reinforcement: One Wire Braid

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp pg B1, A Series pg B18, Grip-Crimp pg C1

G
ADAPTERS

H
FABRICATION
EQUIPMENT

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.530	3,250	13,000	4	16 lbs.	500'
3/8"	0.687	2,600	10,400	5	23 lbs.	500'
1/2"	0.812	2,325	9,300	7	29 lbs.	350'
3/4"	1.090	1,525	6,100	9.5	41 lbs.	250'
1"	1.405	1,275	5,100	12	62 lbs.	200'
1-1/4"	1.710	900	3,600	16.5	84 lbs.	Bulk
1-1/2"	1.970	725	2,900	20	104 lbs.	Bulk
2"	2.505	580	2,320	25	140 lbs.	Bulk

J
THREAD ID
TECHNICAL

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BULK HOSE



**SAE 100R2AT No. 57MB-2
DOMESTIC THIN COVER
2-WIRE HYDRAULIC HOSE**

Applications: High Pressure Hydraulics, Industrial or Agricultural

Cover: Abrasion and Flame Resistant Cover, MSHA Approved

Reinforcement: Two Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp pg B1, A Series pg B18, GW Series (3/4"-1") pg B29, Grip-Crimp pg C1, Reusable pg F1

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.593	5,000	20,000	4	24 lbs.	250'
3/8"	0.750	4,000	16,000	5	34 lbs.	250'
1/2"	0.875	3,500	14,000	7	43 lbs.	250'
5/8"	1.010	2,750	11,000	8	51 lbs.	250'
3/4"	1.158	2,250	9,000	9.5	61 lbs.	250'
1"	1.500	2,000	8,000	12	88 lbs.	250'

- A**
HOSE
- B**
VARI-CRIMP COUPLINGS
- C**
GRIP CRIMP COUPLINGS
- D**
3 SERIES THERMOPLASTIC
- E**
QUICK COUPLERS
- F**
REUSABLES, PUSHON, ACCESS.
- G**
ADAPTERS
- H**
FABRICATION EQUIPMENT
- J**
THREAD ID TECHNICAL
- www.couplamatic.com

BULK HOSE

A
HOSE



B
VARI-CRIMP
COUPLINGS

**SAE 100R2AT No. 56MB-2
IMPORT THIN COVER
2-WIRE HYDRAULIC HOSE**

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Cover, MSHA approved

Reinforcement: Two Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp pg B1, A Series pg B18, GW Series (3/4"-1-1/4") pg B29, Grip-Crimp pg C1

C
GRIP-CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
3/4"	1.158	2,250	9,000	9.5	61 lbs.	250'
1"	1.500	2,000	8,000	12	88 lbs.	200'
1-1/4"	1.862	1,625	6,500	16.5	129 lbs.	Bulk

See 2SN (Below) for sizes 1/4" thru 5/8" and 1-1/2" thru 2".

E
QUICK
COUPLERS



F
REUSABLES,
PUSHON, ACCESS.

**SAE 100R2AT/2SN No. 2SN
IMPORT THIN COVER
2-WIRE HYDRAULIC HOSE**

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Cover, MSHA approved

Reinforcement: Two Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp (1/4"-5/8") pg B1, A Series (1/4"-1-1/4") pg B18, GW Series (3/4"-2") pg B29, Grip-Crimp pg C1

G
ADAPTERS

H
FABRICATION
EQUIPMENT

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.593	5,800	23,200	4	24 lbs.	500'
3/8"	0.750	4,800	19,200	5	34 lbs.	400'
1/2"	0.875	4,000	16,000	7	43 lbs.	300'
5/8"	1.010	3,625	14,500	8	51 lbs.	250'
3/4"	1.158	3,125	12,500	9.5	61 lbs.	250'
1"	1.500	2,400	9,600	12	88 lbs.	200'
1-1/4"	1.862	1,800	7,200	16.5	129 lbs.	Bulk
1-1/2"	2.115	1,300	5,200	20	161 lbs.	Bulk
2"	2.625	1,150	4,600	25	198 lbs.	Bulk

J
THREAD ID
TECHNICAL

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BULK HOSE



EXCEEDS 2SN/2SC Two Wire Braid **No. 2SK** EXTREME PRESSURE HYDRAULIC HOSE IMPORT THIN COVER 2-WIRE

Applications: High Pressure Hydraulics, Industrial or Agricultural

Cover: Abrasion and Flame Resistant Cover, MSHA approved

Reinforcement: Two Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: A Series pg B18, Grip-Crimp pg C1

****Extreme Pressure, Tight Bend Radius****

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.520	6,530	26,120	2.0	24 lbs.	500'
3/8"	0.687	5,585	22,340	3.0	34 lbs.	400'
1/2"	0.810	5,000	20,000	3.6	43 lbs.	300'
5/8"	0.980	4,625	18,500	4.0	51 lbs.	250'
3/4"	1.155	4,350	17,400	5.0	61 lbs.	250'
1"	1.410	3,250	13,000	6.5	94 lbs.	200'
1-1/4"	1.715	2,500	10,000	12.0	130 lbs.	Bulk



SAE 100R16 **No. HPIII** TWO WIRE DOMESTIC HI-PRESSURE HYDRAULIC HOSE EXTREMELY FLEXIBLE

Applications: High Pressure Hydraulics, Industrial or Agricultural

Cover: Abrasion and Flame Resistant Cover, MSHA Approved

Reinforcement: Two Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp pg B1, A Series pg B18, Grip-Crimp pg C1

****Crimps to 100R1AT One Wire Thin Cover Specifications - Half of the Bend Radius of R1 and R2****

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.541	5,000	20,000	2	18 lbs.	250'
3/8"	0.693	4,000	16,000	2.5	24 lbs.	250'
1/2"	0.823	3,500	14,000	3.5	31 lbs.	250'
5/8"	0.950	2,750	11,000	4	36 lbs.	250'
3/4"	1.103	2,250	9,000	4.8	49 lbs.	250'
1"	1.415	2,000	8,000	6	67 lbs.	250'

A
HOSE

B
VARI-CRIMP
COUPLINGS

C
GRIP-CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSH-ON, ACCESS.

G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

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BULK HOSE

A
HOSE



B
VARI-CRIMP
COUPLINGS

SAE 100R16 No. R16CS
IMPORT TWO WIRE HI-PRESSURE
EXTREMELY FLEXIBLE HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural

Cover: Abrasion and Flame Resistant Cover, MSHA approved

Reinforcement: Two Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp pg B1, A Series pg B18, Grip-Crimp pg C1

****Crimps to 100R1AT One Wire Thin Cover Specifications - Tighter Bend Radius than R1 and R2***

C
GRIP CRIMP
COUPLINGS

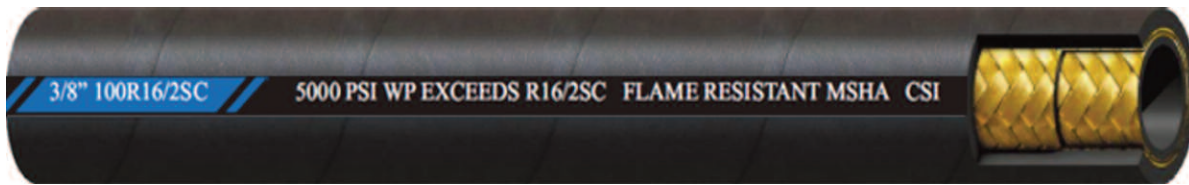
D
3 SERIES
THERMOPLASTIC

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
3/4"	1.090	2,250	9,000	4.8	54 lbs.	250'
1"	1.405	2,000	8,000	6	74 lbs.	200'

E
QUICK
COUPLERS

See R16 (Below) for sizes 1/4" thru 5/8".

F
REUSABLE,
PUSHON, ACCESS.



SAE 100R16 / DIN 2SC No. R16
IMPORT TWO WIRE HI-PRESSURE
EXTREMELY FLEXIBLE HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural

Cover: Abrasion and Flame Resistant Cover, MSHA approved

Reinforcement: Two Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp (1/4"-5/8") pg B1, A Series pg B18, Grip-Crimp pg C1

****Crimps to 100R1AT One Wire Thin Cover Specifications - Tighter Bend Radius than R1 and R2****

G
ADAPTERS

H
FABRICATION
EQUIPMENT

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.530	5,800	23,200	2	18 lbs.	500'
3/8"	0.687	5,000	20,000	2.5	27 lbs.	400'
1/2"	0.812	4,250	17,000	3.5	35 lbs.	300'
5/8"	0.937	3,625	14,500	4	40 lbs.	250'
3/4"	1.090	3,125	12,500	4.8	54 lbs.	250'
1"	1.405	2,500	10,000	6	74 lbs.	200'

J
THREAD ID
TECHNICAL

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BULK HOSE



A
HOSE

ULTRA 100R16 / DIN 2SC No. ULTRA R16
IMPORT ULTRA TWO WIRE HI-PRESSURE
HIGH/LOW TEMP HYDRAULIC HOSE

Applications: High Pressure Hydraulics, High/Low Temp Applications

Cover: Blue Abrasion and Flame Resistant Cover, MSHA approved

Reinforcement: Two Wire Braids

Temperature: -58F to +275F (-50C to +135C) (+302F/150C Discontinuous)

Coupling Series: A Series pg B18, Grip-Crimp pg C1

****Crimps to 100R1AT One Wire Thin Cover Specs - Tighter Bend Radius than R1 and R2 - High/Low Temp****

B
VARI-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.530	5,800	23,200	2	18 lbs.	500'
3/8"	0.687	5,000	20,000	2.5	27 lbs.	400'
1/2"	0.812	4,250	17,000	3.5	35 lbs.	300'
5/8"	0.937	3,625	14,500	4	40 lbs.	250'
3/4"	1.090	3,125	12,500	4.8	54 lbs.	250'
1"	1.405	2,500	10,000	6	74 lbs.	200'



F
REUSABLES,
PUSHON, ACCESS.

G
ADAPTERS

H
FABRICATION
EQUIPMENT

DURA-HYD ABRASION RESISTANT 100R16/2SC No. DH16
SAE 100R16/2SC
EXTRA HI-PRESSURE HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural

Cover: Flame Resistant, **Extra Abrasion Resistant**, MSHA approved.

Reinforcement: Two Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp (1/4"-5/8") pg B1, A Series pg B18, Grip-Crimp pg C1

J
THREAD ID
TECHNICAL

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.530	5,800	23,200	2	18 lbs.	500'
3/8"	0.687	5,000	20,000	2.5	27 lbs.	400'
1/2"	0.812	4,250	17,000	3.5	35 lbs.	300'
5/8"	0.937	3,625	14,500	4	40 lbs.	250'
3/4"	1.090	3,125	12,500	4.8	54 lbs.	250'
1"	1.405	2,500	10,000	6	74 lbs.	200'

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BULK HOSE

A
HOSE



B
VARI-CRIMP
COUPLINGS

**DURA-HYD EX SUPER ABRASION RESISTANT No. DHEX16
SAE 100R16/2SC
R16/2SC EXTRA HI-PRESSURE HYDRAULIC HOSE**

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Flame Resistant Bi-Layer, **SUPER Abrasion Resistant**, MSHA
Reinforcement: Two Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp (1/4"-5/8") pg B1, A Series pg B18, Grip-Crimp pg C1

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.530	5,800	23,200	2	18 lbs.	500'
3/8"	0.687	5,000	20,000	2.5	27 lbs.	400'
1/2"	0.812	4,250	17,000	3.5	35 lbs.	300'
5/8"	0.937	3,625	14,500	4	40 lbs.	250'
3/4"	1.090	3,125	12,500	4.8	54 lbs.	250'
1"	1.405	2,500	10,000	6	74 lbs.	200'

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS.



G
ADAPTERS

**DOMESTIC SAE 100R17 No. HPI
HY-PLUS I ONE WIRE DIMENSION HI-PRESSURE HYDRAULIC HOSE
EXTREMELY FLEXIBLE**

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Cover, MSHA Approved

Reinforcement: One or Two Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp pg B1, A Series pg B18, Grip-Crimp pg C1

3000 PSI working pressure can eliminate stocking two hoses. Higher Pressure and More Flexible than 100R1

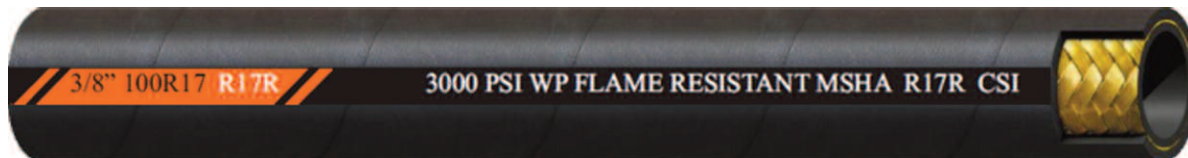
H
FABRICATION
EQUIPMENT

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.535	3,000	12,000	2	16 lbs.	250'
3/8"	0.690	3,000	12,000	2.5	23 lbs.	250'
1/2"	0.813	3,000	12,000	3.5	29 lbs.	250'
3/4"	1.100	3,000	12,000	5	55 lbs.	250'
1"	1.410	3,000	12,000	6	82 lbs.	250'

J
THREAD ID
TECHNICAL

www.couplamatic.com

BULK HOSE



A
HOSE

SAE 100R17 (1SN DIMENSION) No. R17R IMPORT 3000 PSI CONSTANT WORKING PRESSURE HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural

Cover: Abrasion and Flame Resistant Cover, MSHA approved

Reinforcement: One (1/4"-3/8") or Two (1/2") Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp pg B1, A Series pg B18, Grip-Crimp pg C1

B
VARI-CRIMP
COUPLINGS

C
GRIP-CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.530	3,000	12,000	2	16 lbs.	500'
3/8"	0.687	3,000	12,000	3	23 lbs.	500'
1/2"	0.812	3,000	12,000	3.5	31 lbs.	350'



E
QUICK
COUPLERS

F
REUSABLES,
PUSH-ON, ACCESS.

SAE 100R17 (REDUCED OD) No. R17 IMPORT 3000 PSI CONSTANT WORKING PRESSURE HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural

Cover: Abrasion and Flame Resistant Cover, MSHA approved

Reinforcement: One (1/4"-1/2") or Two (5/8"-1") Wire Braids

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp (1/4-3/4) pg B1, A Series pg B18, GW Series (1") pg B29, Grip-Crimp pg C1

G
ADAPTERS

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.492	3,000	12,000	2	13 lbs.	500'
3/8"	0.649	3,000	12,000	3	19 lbs.	500'
1/2"	0.776	3,000	12,000	4	31 lbs.	350'
5/8"	0.937	3,000	12,000	4	41 lbs.	250'
3/4"	1.090	3,000	12,000	5	53 lbs.	250'
1"	1.405	3,000	12,000	6	82 lbs.	200'

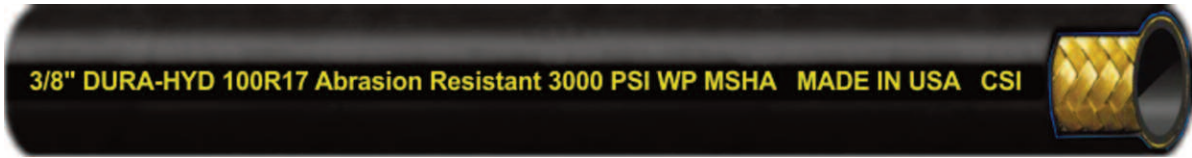
H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

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BULK HOSE

A
HOSE



DURA-HYD ABRASION RESISTANT 100R17 No. DH17
SAE 100R17 SMOOTH COVER
DOMESTIC HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Flame Resistant, **Extra Abrasion Resistant**, Yellow layline, MSHA
Reinforcement: One or Two Wire Braids
Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp (1/4"-3/4") pg B1, A Series pg B18, GW Series (1") pg B29, Grip-Crimp pg C1

B
VARI-CRIMP
COUPLINGS

C
GRIP-CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
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Discontinued. Use WDH17 as replacement hose.

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS.



DURA-HYD ABRASION RESISTANT 100R17 No. WDH17
SAE 100R17 WRAPPED COVER
IMPORT HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Flame Resistant, **Extra Abrasion Resistant**, Yellow layline, MSHA
Reinforcement: One or Two Wire Braids
Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Vari-Crimp (1/4"-3/4") pg B1, A Series pg B18, GW Series (1") pg B29, Grip-Crimp pg C1

G
ADAPTERS

H
FABRICATION
EQUIPMENT

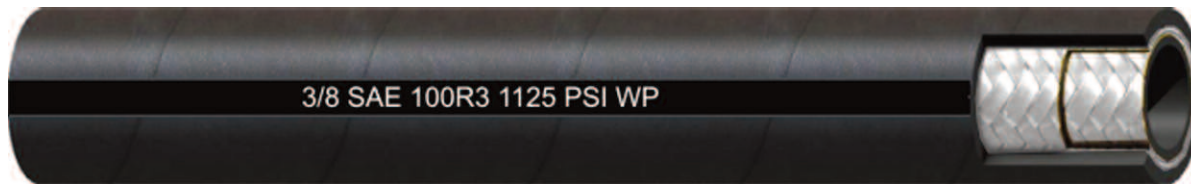
Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
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J
THREAD ID
TECHNICAL

1/4"	0.535	3,000	12,000	2	16 lbs.	500'
3/8"	0.690	3,000	12,000	2.5	23 lbs.	500'
1/2"	0.810	3,000	12,000	3.5	29 lbs.	350'
5/8"	0.950	3,000	12,000	5	38 lbs.	250'
3/4"	1.100	3,000	12,000	5	55 lbs.	250'
1"	1.410	3,000	12,000	6	82 lbs.	200'

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BULK HOSE



SAE 100R3 No. 3319A
MEDIUM PRESSURE HYDRAULIC HOSE
Applications: Low Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Cover, MSHA Approved
Reinforcement: Two Rayon Braids
Temperature: -40F to +212F (-40C to +100C)
Coupling Series: Vari-Crimp pg B1, Grip-Crimp pg C1
 Cut lengths available

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.560	1,250	5,000	3	12 lbs.	500'
3/8"	0.750	1,125	4,500	4	17 lbs.	500'
1/2"	0.940	1,000	4,000	5	25 lbs.	500'
3/4"	1.250	750	3,000	6	43 lbs.	500'
1"	1.500	565	2,260	8	51 lbs.	500'



SAE 100R4 No. 104MB
HYDRAULIC SUCTION HOSE
Applications: Hydraulic Suction or Return, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Cover, MSHA approved
Reinforcement: One Fiber Braid, two helical wires
Temperature: -40F to +212F (-40C to +100C)
Coupling Series: Vari-Crimp (3/4"-1-1/4") pg B1, GW Series (1-1/2"-2") pg B29, Grip-Crimp (3/4"-2") pg C1, Crimp/Band pg F5
 Cut lengths available

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Vacuum Rating (Inches of Hg)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
3/4"	1.160	300	1,200	25	1.8	49 lbs.	100'
1"	1.480	250	1,000	25	2.0	64 lbs.	100'
1-1/4"	1.770	200	800	25	2.5	86 lbs.	100'
1-1/2"	2.050	150	600	25	3.0	122 lbs.	100'
2"	2.500	100	400	25	7.0	139 lbs.	100'

A
HOSE

B
VARI-CRIMP COUPLINGS

C
GRIP CRIMP COUPLINGS

D
3 SERIES THERMOPLASTIC

E
QUICK COUPLERS

F
REUSABLES, PUSHON, ACCESS.

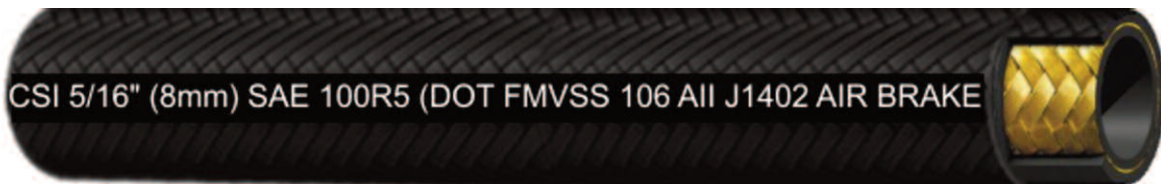
G
ADAPTERS

H
FABRICATION EQUIPMENT

J
THREAD ID TECHNICAL

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BULK HOSE



CSI 5/16" (8mm) SAE 100R5 (DOT FMVSS 106 All J1402 AIR BRAKE

SAE 100R5 No. 58MBA
TEXTILE COVERED HYDRAULIC HOSE
 SAE J1402, DOT FMVSS 106 All (3/16" thru 5/8")
Applications: Medium Pressure Applications Hydraulics, Air, Water.
Cover: Black Textile Braid
Reinforcement: One Wire Braid
Temperature: -40F to +212F (-40C to +100C)
Coupling Series: R5 Series pg B44, Reusables pg F2
 Cut lengths available

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
3/16"(-4)	0.520	3,000	12,000	3	15 lbs.	250'
1/4"(-5)	0.580	3,000	12,000	3.4	17 lbs.	250'
5/16"(-6)	0.680	2,250	9,000	4	22 lbs.	250'
13/32"(-8)	0.770	2,000	8,000	4.6	30 lbs.	250'
1/2"(-10)	0.921	1,750	7,000	5.5	37 lbs.	250'
5/8"(-12)	1.080	1,500	6,000	6.5	46 lbs.	250'
7/8"(-16)	1.240	800	3,200	7.4	48 lbs.	250'
1-1/8"(-20)	1.500	625	2,500	9	58 lbs.	100'
1-3/8"(-24)	1.750	500	2,000	10.5	62 lbs.	Bulk
1-13/16"(-32)	2.220	350	1,400	13.25	86 lbs.	Bulk



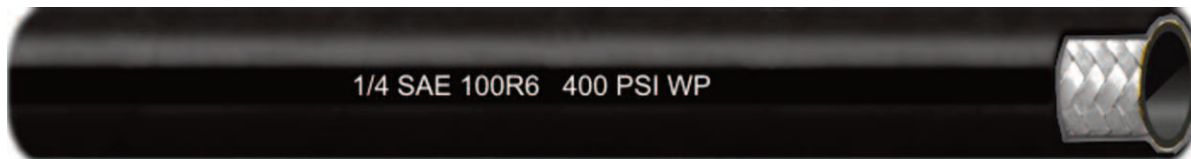
CSI 5/16" (8mm) HI TEMP SAE 100R5 (DOT FMVSS 106 All J1402

SAE 100R5 No. HTR5
TEXTILE COVERED HIGH TEMPERATURE HYDRAULIC HOSE
 SAE J1402, DOT FMVSS 106 All (3/16" thru 5/8")
Applications: Medium Pressure High Temp Hydraulics, Air, Water.
Cover: Blue Textile Braid, High Temperature
Reinforcement: One Wire Braid
Temperature: -40F to +300F (-40C to +150C)
Coupling Series: R5 Series pg B44, Reusables pg F2
 Cut lengths available

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
3/16"(-4)	0.520	3,000	12,000	3	15 lbs.	250'
1/4"(-5)	0.580	3,000	12,000	3.4	17 lbs.	250'
5/16"(-6)	0.680	2,250	9,000	4	22 lbs.	250'
13/32"(-8)	0.770	2,000	8,000	4.6	30 lbs.	250'
1/2"(-10)	0.921	1,750	7,000	5.5	37 lbs.	250'
5/8"(-12)	1.080	1,500	6,000	6.5	46 lbs.	250'
7/8"(-16)	1.240	800	3,200	7.4	48 lbs.	250'
1-1/8"(-20)	1.500	625	2,500	9	52 lbs.	100'
1-3/8" (-24)	1.750	500	2,000	10.5	81 lbs.	Bulk
1-13/16" (-32)	2.220	350	1,400	13.2	99 lbs.	Bulk

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BULK HOSE



SAE 100R6 No. H6H
LOW PRESSURE HYDRAULIC HOSE
Applications: Low Pressure Hydraulics, Industrial or Agricultural
Cover: Neoprene
Reinforcement: One Textile Braid
Temperature: -40F to +212F (-40C to +100C)
 Cut lengths available. 100' minimum

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.500	400	1,600	2.5	8 lbs.	500'
3/8"	0.630	400	1,600	3	12 lbs.	500'
1/2"	0.780	400	1,600	4	17 lbs.	500'



SAE 100R7 No. H7
THERMOPLASTIC HYDRAULIC HOSE
Applications: Medium Pressure Hydraulics, Industrial or Agricultural
Cover: Black Polyurethane, Perforated
Tube: Nylon
Reinforcement: Polyester Braid
Temperature: -40F to +212F (-40C to +100C)
Coupling Series: 3 Series Thermoplastic (1/8"-1") pg D1, T Series (1/2"-1") pg B48

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/8"	0.325	3,000	12,000	0.5	3 lbs.	250'
3/16"	0.433	3,000	12,000	0.75	4.9 lbs.	250'
1/4"	0.508	2,750	11,000	1.5	6 lbs.	250'
5/16"	0.585	2,500	10,000	1.75	7.5 lbs.	250'
3/8"	0.650	2,250	9,000	2	10 lbs.	250'
1/2"	0.815	2,000	8,000	3	15.6 lbs.	250'
3/4"	1.062	1,250	5,000	6.5	19 lbs.	100'
1"	1.335	1,000	4,000	8	27 lbs.	100'

A
HOSE

B
VARL-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS.

G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

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BULK HOSE

A
HOSE



B
VAR-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLE,
PUSHON, ACCESS.

G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

SAE 100R7 No. H7TL TWIN LINE THERMOPLASTIC HYDRAULIC HOSE

Applications: Medium Pressure Hydraulics, Industrial or Agricultural
Cover: Black Polyurethane, Perforated

Tube: Nylon

Reinforcement: Polyester Braid

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: 3 Series Thermoplastic (1/4"-1/2") pg D1, T Series (1/2") pg B48

*Cut lengths available in multiples of 50'

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.508	2,750	11,000	1.5	12 lbs.	250'
5/16"	0.585	2,500	10,000	1.75	16.6 lbs.	250'
3/8"	0.650	2,250	9,000	2	21 Lbs.	250'
1/2"	0.815	2,000	8,000	3	34 lbs.	250'



SAE 100R7 No. H7NC NON-CONDUCTIVE THERMOPLASTIC HYDRAULIC HOSE

Applications: Medium Pressure Hydraulics, Industrial or Agricultural
Cover: Orange Non-Conductive Polyurethane, Non-Perforated

Tube: Nylon

Reinforcement: Polyester Braid

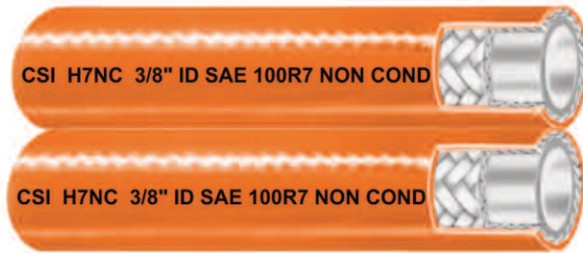
Temperature: -40F to +212F (-40C to +100C)

Coupling Series: 3 Series Thermoplastic (1/4"-1") pg D1, T Series (1/2"-1") pg B48

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.508	2,750	11,000	1.5	6 lbs.	250'
5/16"	0.585	2,500	10,000	1.75	7.5 lbs.	250'
3/8"	0.650	2,250	9,000	2	10 lbs.	250'
1/2"	0.815	2,000	8,000	3	15.6 lbs.	250'
3/4"	1.062	1,250	5,000	6.5	19 lbs.	100'
1"	1.335	1,000	4,000	8	27 lbs.	100'

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BULK HOSE



SAE 100R7 No. H7TLNC TWIN LINE NON-CONDUCTIVE THERMOPLASTIC HYDRAULIC HOSE

Applications: Medium Pressure Hydraulics, Industrial or Agricultural

Cover: Orange Non-Conductive Polyurethane, Non-Perforated

Tube: Nylon

Reinforcement: Polyester Braid

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: 3 Series Thermoplastic (1/4"-1/2") pg D1, T Series (1/2") pg B48

Cut lengths available in multiples of 50

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.508	2,750	11,000	1.5	12 lbs.	250'
5/16"	0.585	2,500	10,000	1.75	16.6 lbs.	250'
3/8"	0.650	2,250	9,000	2	21 Lbs.	250'
1/2"	0.815	2,000	8,000	3	34 lbs.	250'



SAE 100R7 (Reduced OD) No. RD7 THERMOPLASTIC HYDRAULIC HOSE

Applications: Medium Pressure Hydraulics, Industrial or Agricultural

Cover: Black Polyurethane, Perforated

Tube: Nylon

Reinforcement: Polyester Braid

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: T Series pg B48

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.455	2,750	11,000	1.5	5 lbs.	250'
5/16"	0.562	2,500	10,000	1.75	8 lbs.	250'
3/8"	0.618	2,250	9,000	2.0	10 lbs.	250'

A
HOSE

B
VARL-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS,

G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

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BULK HOSE



SAE 100R7 (Reduced OD) **No. RD7TL** TWIN LINE THERMOPLASTIC HYDRAULIC HOSE

Applications: Medium Pressure Hydraulics, Industrial or Agricultural
Cover: Black Polyurethane, Perforated

Tube: Nylon

Reinforcement: Polyester Braid

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: T Series pg B48

Cut lengths available in multiples of 50

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.455	2,750	11,000	1.5	10 lbs.	250'
5/16"	0.562	2,500	10,000	1.75	16 lbs.	250'
3/8"	0.618	2,250	9,000	2	21 lbs.	250'



SAE 100R7 (Reduced OD) **No. RD7NC** NON-CONDUCTIVE THERMOPLASTIC HYDRAULIC HOSE

Applications: Medium Pressure Hydraulics, Industrial or Agricultural
Cover: Orange Non-Conductive Polyurethane, ANSI 92.2, Non-Perforated

Tube: Nylon

Reinforcement: Polyester Braid

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: T Series pg B48

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.455	2,750	11,000	1.5	5 lbs.	250'
5/16"	0.562	2,500	10,000	1.75	8 lbs.	250'
3/8"	0.618	2,250	9,000	2.0	10 lbs.	250'

RD7NC Meets ANSI spec 92.2.

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BULK HOSE



SAE 100R7 (Reduced OD) No. RD7TLNC NON-CONDUCTIVE TWIN LINE THERMOPLASTIC HYDRAULIC HOSE

Applications: Medium Pressure Hydraulics, Industrial or Agricultural
Cover: Orange Non-Conductive Polyurethane, ANSI 92.2, Non-Perforated

Tube: Nylon

Reinforcement: Polyester Braid

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: T Series pg B48

Cut lengths available in multiples of 50

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.455	2,750	11,000	1.5	10 lbs.	250'
5/16"	0.562	2,500	10,000	1.75	16 lbs.	250'
3/8"	0.618	2,250	9,000	2	21 lbs.	250'

RD7TLNC Meets ANSI spec 92.2.



SAE 100R8 No. HS8 THERMOPLASTIC HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural

Cover: Black Polyurethane, Perforated

Tube: Nylon

Reinforcement: Aramid Braid

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: 3 Series Thermoplastic pg D1

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
3/16"	0.433	5,000	20,000	1.5	5 lbs.	250'
1/4"	0.508	5,000	20,000	2	6 lbs.	250'
3/8"	0.650	4,000	16,000	2.5	8 lbs.	250'
1/2"	0.815	3,500	14,000	4	13 lbs.	250'

A
HOSE

B
VARL-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS,

G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAID
TECHNICAL

www.couplamatic.com

BULK HOSE

A
HOSE



SAE 100R8 No. HS8NC NON-CONDUCTIVE THERMOPLASTIC HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Orange Non-Conductive Polyurethane, Non-Perforated

Tube: Nylon

Reinforcement: Aramid Braid

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: 3 Series Thermoplastic pg D1

B
VAR-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.508	5,000	20,000	2	6 lbs.	250'
3/8"	0.650	4,000	16,000	2.5	8 lbs.	250'
1/2"	0.815	3,500	14,000	4	13 lbs.	250'

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS.



SAE 100R18 3000 PSI LOW TEMP No. R18 THERMOPLASTIC HYDRAULIC HOSE

Applications: Medium Pressure Hydraulics, Industrial or Agricultural, Cold Storage and Refrigerated Areas

Cover: Black Polyester Elastomer (Non-Stick), Perforated

Tube: Polyester Elastomer

Reinforcement: Polyester Braid

Temperature: -70F to +212F (-57C to +100C)

Coupling Series: 3 Series Thermoplastic pg D1

G
ADAPTERS

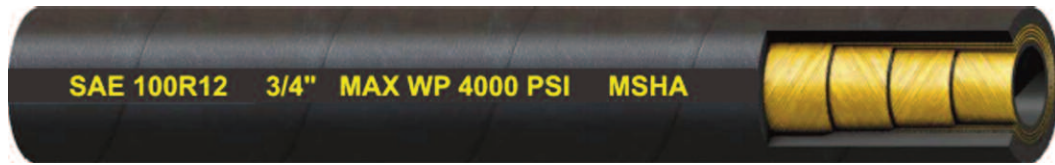
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FABRICATION
EQUIPMENT

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.470	3,000	12,000	1.25	6 lbs.	250'
3/8"	0.650	3,000	12,000	2.00	10 lbs.	250'

J
THREAD ID
TECHNICAL

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BULK HOSE



A
HOSE

SAE 100R12 (Caterpillar) No. SP580 FOUR SPIRAL HIGH PRESSURE HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Black Cover, MSHA approved
Reinforcement: 4 Spirals
Temperature: -40F to +250F (-40C to +121C)
Coupling Series: No Skive: GW Series pg B29, 4GC Series pg C20

B
VARI-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS.

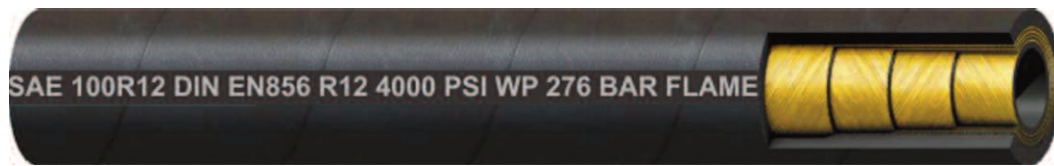
G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAID ID
TECHNICAL

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Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/2"	0.935	4,000	16,000	3.5	50 lbs.	50'
3/4"	1.210	4,000	16,000	4.75	81 lbs.	50'
1"	1.495	4,000	16,000	6	119 lbs.	50'
1-1/4"	1.850	3,000	12,000	8.25	155 lbs.	50'
1-1/2"	2.105	2,500	10,000	10	181 lbs.	50'
2"	2.626	2,500	10,000	12.5	256 lbs.	50'



SAE 100R12 No. RC12B FOUR SPIRAL HIGH PRESSURE IMPORT HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Black Cover, MSHA Approved, Grey Layline
Reinforcement: 4 High Tensile Steel Spirals
Temperature: -40F to +250F (-40 to +121C)
Coupling Series: No Skive: GW Series pg B29, 4GC Series pg C20

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/2"	0.937	4,000	16,000	3.5	56 lbs.	Bulk
3/4"	1.208	4,000	16,000	4.75	95 lbs.	Bulk
1"	1.496	4,000	16,000	6	131 lbs.	Bulk
1-1/4"	1.850	3,000	12,000	16.5	194 lbs.	Bulk
1-1/2"	2.106	2,500	10,000	20	229 lbs.	Bulk
2"	2.626	2,500	10,000	25	317 lbs.	Bulk

BULK HOSE

A
HOSE



B
VAR-CRIMP
COUPLINGS

DURA-HYD EX **SUPER** ABRASION RESISTANT SAE 100R12 No. DHEXR12 FOUR SPIRAL HIGH PRESSURE IMPORT HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Flame Resistant Bi-Layer, **SUPER** Abrasion Resistant, MSHA
Reinforcement: 4 High Tensile Steel Spirals
Temperature: -40F to +250F (-40 to +121C)
Coupling Series: No Skive: GW Series pg B29, 4GC Series pg C20

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS.

G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

www.couplamatic.com

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/2"	0.937	4,000	16,000	3.5	56 lbs.	Bulk
3/4"	1.208	4,000	16,000	4.8	95 lbs.	Bulk
1"	1.496	4,000	16,000	6	131 lbs.	Bulk
1-1/4"	1.850	3,000	12,000	16.5	194 lbs.	Bulk
1-1/2"	2.106	2,500	10,000	20	229 lbs.	Bulk
2"	2.626	2,500	10,000	25	317 lbs.	Bulk

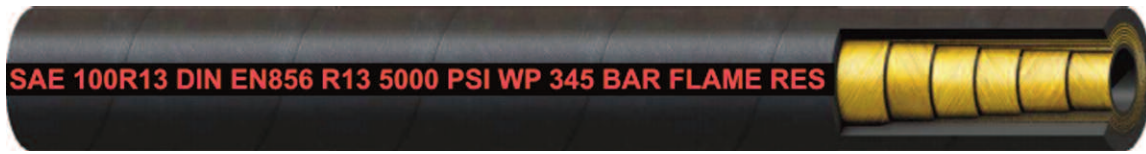


CS-FLEX 5 MEETS AND EXCEEDS SAE 100R12 No. CS-FLEX 5 FOUR SPIRAL HIGH PRESSURE IMPORT HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Black Cover, MSHA Approved
Reinforcement: 4 High Tensile Steel Spirals
Temperature: -40F to +250F (-40C to +121C)
Coupling Series: No Skive: GW Series pg B29, 4GC Series pg C20, 4SH Series (1-1/4") pg C34
****Reduced Bend Radius and Higher Working Pressures****

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/2"	0.905	5,500	22,000	3.5	52	Bulk
3/4"	1.200	5,500	22,000	4.7	89	Bulk
1"	1.480	5,000	20,000	7	119	Bulk
1-1/4"	1.810	5,000	20,000	11	171	Bulk

BULK HOSE

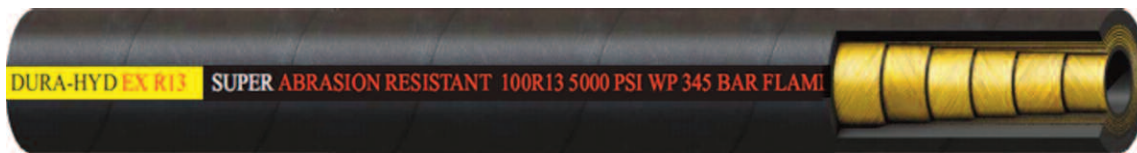


SAE 100R13 DIN EN856 R13 5000 PSI WP 345 BAR FLAME RES

SAE 100R13 No. RC13 MULTISPIRAL EXTRA HIGH PRESSURE IMPORT HYDRAULIC HOSE

Applications: Very High Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Black Cover, MSHA Approved, Red Layline
Reinforcement: 4 or 6 High Tensile Steel Spirals
Temperature: -40F to +250F (-40C to +121C)
Couplings: Skive: SX Series pg B39, No Skive: 6GC Series pg C28

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
3/4"	1.260	5,000	20,000	9.5	121 lbs.	Bulk
1"	1.515	5,000	20,000	12	153 lbs.	Bulk
1-1/4"	1.940	5,000	20,000	16.5	288 lbs.	Bulk
1-1/2"	2.255	5,000	20,000	20	361 lbs.	Bulk
2"	2.820	5,000	20,000	25	471 lbs.	Bulk



DURA-HYD EX R13 SUPER ABRASION RESISTANT 100R13 5000 PSI WP 345 BAR FLAME RES

DURA-HYD EX SUPER ABRASION RESISTANT SAE 100R13 No. DHEXR13 MULTISPIRAL EXTRA HIGH PRESSURE IMPORT HYDRAULIC HOSE

Applications: Very High Pressure Hydraulics, Industrial or Agricultural
Cover: Flame Resistant Bi-Layer, SUPER Abrasion Resistant, MSHA
Reinforcement: 4 or 6 High Tensile Steel Spirals
Temperature: -40F to +250F (-40C to +121C)
Couplings: Skive: SX Series pg B39, No Skive: 6GC Series pg C28

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
3/4"	1.260	5,000	20,000	9.5	121 lbs.	Bulk
1"	1.515	5,000	20,000	12	153 lbs.	Bulk
1-1/4"	1.940	5,000	20,000	16.5	288 lbs.	Bulk
1-1/2"	2.255	5,000	20,000	20	361 lbs.	Bulk
2"	2.820	5,000	20,000	25	471 lbs.	Bulk

A
HOSE

B
VARI-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS.

G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

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BULK HOSE

A
HOSE



B
VAR-CRIMP
COUPLINGS

CS-FLEX 6 MEETS AND EXCEEDS SAE 100R15 **No. CS-FLEX 6** FOUR SPIRAL HIGH PRESSURE IMPORT HYDRAULIC HOSE

Applications: High Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Black Cover, MSHA Approved
Reinforcement: 4 High Tensile Steel Spirals
Temperature: -40F to +250F (-40C to +121C)
Coupling Series: No Skive: GW Series pg B29, 4GC Series pg C20
****Reduced Bend Radius and Higher Working Pressures****

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/2"	0.900	6,090	24,360	3.6	53	Bulk
3/4"	1.210	6,090	24,360	4.7	98	Bulk
1"	1.475	6,090	24,360	7.0	130	Bulk

E
QUICK
COUPLERS



F
REUSABLES,
PUSHON, ACCESS.

SAE 100R15 **No. RC15** MULTISPIRAL EXTREME PRESSURE IMPORT HYDRAULIC HOSE

Applications: Very High Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Black Cover, MSHA Approved, Yellow Layline
Reinforcement: 4 or 6 High Tensile Steel Spirals
Temperature: -40F to +250F (-40C to +121C)
Coupling Series: No Skive: 6GC Series pg C28

G
ADAPTERS

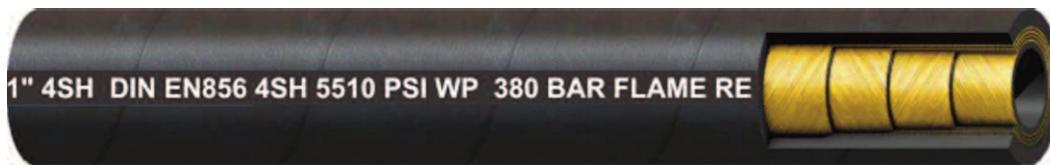
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FABRICATION
EQUIPMENT

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
3/4"	1.260	6,090	24,360	10.5	114 lbs.	Bulk
1"	1.515	6,090	24,360	13	153 lbs.	Bulk
1-1/4"	1.940	6,090	24,360	17.5	288 lbs.	Bulk
1-1/2"	2.255	6,090	24,360	21	360 lbs.	Bulk

J
THREAD ID
TECHNICAL

www.couplamatic.com

BULK HOSE



A
HOSE

4SH (EN856) No. 4SH FOUR SPIRAL EXTRA HIGH PRESSURE IMPORT HYDRAULIC HOSE

Applications: Very High Pressure Hydraulics, Industrial or Agricultural
Cover: Abrasion and Flame Resistant Black Cover, MSHA Approved, White Layline

Reinforcement: 4 High Tensile Steel Spirals

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: No Skive: 6GC Series (5/8, 3/4, & 1) pg C28, 4SH Series (1-1/4-2) pg C34

B
VARI-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS.

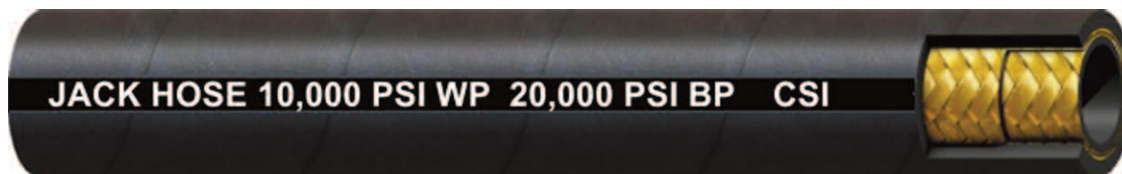
G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

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Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
5/8"	1.130	6,090	24,360	9.5	97 lbs.	Bulk
3/4"	1.268	6,090	24,360	11	112 lbs.	Bulk
1"	1.523	5,510	22,040	13.5	131 lbs.	Bulk
1-1/4"	1.791	5,075	20,300	18	181 lbs.	Bulk
1-1/2"	2.085	4,205	16,820	22	241 lbs.	Bulk
2"	2.660	3,625	14,500	27.5	333 lbs.	Bulk



HYDRAULIC JACK HOSE No. JH2 2-WIRE HYDRAULIC HOSE Two Wire Braid

Applications: High Pressure Hydraulic Jacking Applications

Cover: Abrasion and Flame Resistant Cover

Reinforcement: Two Wire Braids - 2:1 Design Factor

Temperature: -40F to +212F (-40C to +100C)

Coupling Series: Grip Crimp (NPTF Male Solid Only) pg C1, A Series (NPTF Male Solid Only) pg B18

Spring Guards pg F6 and **Warning Labels** pg F7

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.593	10,000	20,000	3.2	24 lbs.	500'
3/8"	0.750	10,000	20,000	3.8	34 lbs.	400'

BULK HOSE

A HOSE

B VAR-CRIMP COUPLINGS

C GRIP CRIMP COUPLINGS

D 3 SERIES THERMOPLASTIC

E QUICK COUPLERS

F REUSABLES, PUSHON, ACCESS.

G ADAPTERS

H FABRICATION EQUIPMENT

J THREAD ID TECHNICAL

www.couplamatic.com



1-WIRE PRESSURE WASH HOSE IMPORT THIN COVER ONE WIRE BRAID

Applications: Medium Pressure, Pressure Wash

Cover: **Blue** Smooth, Non-Marking, Abrasion and Weather Resistant (**PW4000BLU**)
Grey Smooth, Non-Marking, Abrasion and Weather Resistant (3/8" Only) (**PW4000GRY**)
Black Smooth, Abrasion and Weather Resistant (**PW4000**)

Reinforcement: One Wire Braid

Temperature: -40F to +250F (-40C to +121C)

Coupling Series: Grip Crimp Pressure Wash Bite to the Wire pg C19, A Series pg B18, Grip-Crimp pg C1
 Pressure Wash Grips pg F7 Pressure Wash Quick Couplers pg E10

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.480	4,000	14,500	3	12 lbs.	600'
3/8"	0.610	4,000	14,500	4	18 lbs.	600'



2-WIRE PRESSURE WASH HOSE IMPORT THIN COVER TWO WIRE BRAID

Applications: High Pressure, Pressure Wash Hose

Cover: **Blue** Smooth, Non-Marking, Abrasion and Weather Resistant (**PW6000BLU**)
Black Smooth, Abrasion and Weather Resistant (**PW6000**)

Reinforcement: Two Wire Braids

Temperature: -40F to +250F (-40C to +121C)

Coupling Series: Grip Crimp Pressure Wash Bite to the Wire pg C19, A Series pg B18, Grip-Crimp pg C1
 Pressure Wash Grips pg F7 Pressure Wash Quick Couplers pg E10

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
3/8"	0.675	6,000	23,200	4	29 lbs.	600'

BULK HOSE



PRESSURE WASH HOSE ASSEMBLIES IMPORT THIN COVER

Applications: Medium or High Pressure, Pressure Wash Hose
Cover: **Blue** Smooth, Non-Marking, Abrasion and Weather Resistant or
Black Smooth, Abrasion and Weather Resistant
Reinforcement: One or Two Wire Braids
Temperature: -40F to +250F (-40C to +121C)

Hose I.D.	Working Pressure	Assembly Length	Coupling # 1	Coupling # 2	Blue Part #	Black Part#
1/4"	4000 psi	50'	1/4" NPTF	1/4" NPTF Swivel	PW4450BLU	PW4450
1/4"	4000 psi	100'	1/4" NPTF	1/4" NPTF Swivel	PW44100BLU	PW44100
3/8"	4000 psi	50'	3/8" NPTF	3/8" NPTF Swivel	PW6450BLU	PW6450
3/8"	4000 psi	100'	3/8" NPTF	3/8" NPTF Swivel	PW64100BLU	PW64100
3/8"	6000 psi	50'	3/8" NPTF	3/8" NPTF Swivel	PW6650BLU	PW6650
3/8"	6000 psi	100'	3/8" NPTF	3/8" NPTF Swivel	PW66100BLU	PW66100



SAE 100R14 No. TR14 PTFE HYDRAULIC HOSE

Applications: Fuel, Lubricant, Steam, Hydraulic, & Compressed Gas
Cover: 304 Stainless Braid
Reinforcement: One (3/16"-3/4") or Two (1") Stainless Braids
Temperature: -65F to +400F (-54C to +204C), -100F to +500F (-73C to +260 C) Intermittent
Coupling Series: T Series pg B48

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
3/16"	.312	3000	12000	2.0	5 lbs	Bulk
1/4"	.375	3000	12000	3.0	7 lbs	Bulk
5/16"	.445	2500	10000	4.0	11 lbs	Bulk
3/8"	.503	2250	9000	4.5	12 lbs	Bulk
1/2"	.648	1500	6000	6.5	15 lbs	Bulk
3/4"	.886	1100	4400	8.2	20 lbs	Bulk
1"	1.135	900	3600	10.0	30 lbs	Bulk

Working pressure and Burst Pressure rated at room temperature.

A
HOSE

B
VARL-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSHON, ACCESS.

G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

www.couplamatic.com

BULK HOSE

A
HOSE



B
VAR-CRIMP
COUPLINGS

HYDRAULIC RETURN LINE HOSE No. 3284H

Applications: Hydraulic Return Line

Cover: Rubber (Red)

Reinforcement: Two Fiber Braid

Temperature: -40F to +200F (-40 to +96C)

Coupling Series: Band Stems pg F5

Cut lengths available

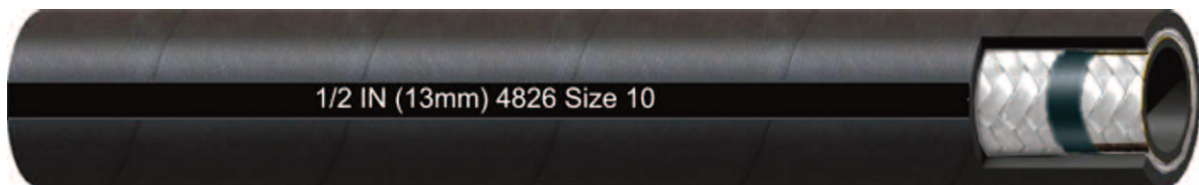
C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/2"	0.875	300	---	7.5	24 lbs.	500'
3/4"	1.156	300	---	11.5	41 lbs.	500'
1"	1.437	300	---	14	62 lbs.	450'
1-1/4"	1.781	250	---	18.5	84 lbs.	400'
1-1/2"	2.031	250	---	22	104 lbs.	300'

E
QUICK
COUPLERS

F
REUSABLE,
PUSHON, ACCESS.



G
ADAPTERS

REFRIGERANT HOSE R12 & R134A COMPATIBLE No. F204

Applications: Air Conditioning, Refrigerant

Cover: Rubber

Reinforcement: Two Fiber Braid, Internal Nylon Barrier

Temperature: -22F to +257F (-30C to +125C)

Cut lengths available

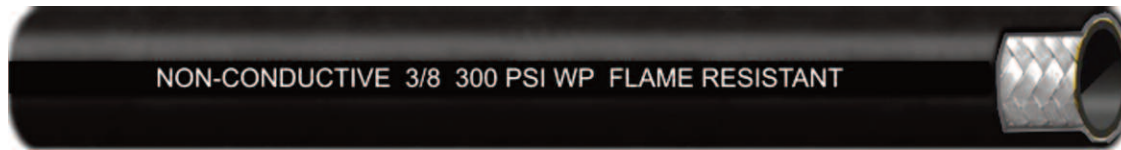
H
FABRICATION
EQUIPMENT

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
5/16" (#6)	0.750	500	2,000	4	20 lbs.	825'
13/32" (#8)	0.910	500	2,000	5	28 lbs.	725'
1/2" (#10)	1.000	500	2,000	5	33 lbs.	700'
5/8" (#12)	1.130	350	1,750	6	38 lbs.	525'

J
THREAD ID
TECHNICAL

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BULK HOSE



A
HOSE

B
VARI-CRIMP
COUPLINGS

C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

E
QUICK
COUPLERS

F
REUSABLES,
PUSH-ON, ACCESS.

G
ADAPTERS

H
FABRICATION
EQUIPMENT

J
THREAD ID
TECHNICAL

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RUBBER COVERED PUSH-ON HOSE No. 025H

Applications: Low Pressure
Cover: Black Oil Resistant Rubber
Reinforcement: One Fiber Braid
Temperature: -40 to +190F (-40 to +88C)
Coupling Series: Brass Push-On Couplings pg F4
 Cut lengths available. 100' minimum

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.500	300	1,200	2.5	9 lbs.	500'
3/8"	0.640	300	1,200	3	11 lbs.	500'
1/2"	0.750	300	1,200	5	13 lbs.	500'
5/8"	0.910	300	1,200	6	19 lbs.	500'
3/4"	1.031	300	1,200	7	21 lbs.	500'



BLUE RUBBER COVERED PUSH-ON HOSE No. 024H

Applications: Low Pressure
Cover: Blue Oil Resistant Rubber
Reinforcement: One Fiber Braid
Temperature: -40 to +190F (-40 to +88C)
Coupling Series: Brass Push-On Couplings pg F4
 Cut lengths available. 100' minimum

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Coil Footage
1/4"	0.500	300	1,200	2.5	9 lbs.	500'
3/8"	0.640	300	1,200	3	11 lbs.	500'
1/2"	0.750	300	1,200	5	13 lbs.	500'
5/8"	0.910	300	1,200	6	19 lbs.	500'
3/4"	1.031	300	1,200	7	21 lbs.	500'

BULK HOSE

A
HOSE



B
VAR-CRIMP
COUPLINGS

TEXTILE COVERED PUSH-ON HOSE No. 026H

Applications: Low Pressure

Cover: Oil and Mildew Resistant Textile

Reinforcement: One Fiber Braid

Temperature: -40 to +200F (-40 to +96C)

Coupling Series: Brass Push-On Couplings pg F4

Cut lengths available. 100' minimum

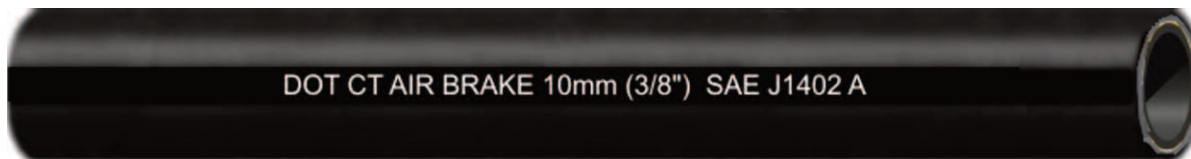
C
GRIP CRIMP
COUPLINGS

D
3 SERIES
THERMOPLASTIC

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
1/4"	0.500	300	1,200	2.5	7 lbs.	500'
3/8"	0.640	300	1,200	3	10 lbs.	500'
1/2"	0.750	300	1,200	5	12 lbs.	500'
5/8"	0.910	300	1,200	6	19 lbs.	500'
3/4"	1.031	300	1,200	7	21 lbs.	500'

E
QUICK
COUPLERS

F
REUSABLES
PUSH-ON, ACCESS.



AIR BRAKE HOSE SAE J1402 TYPE A DOT FMVSS 106 No. J1402A

Applications: Air Brake

Cover: Rubber

Reinforcement: 4 Spiral Polyester

Temperature: -40 to +200F (-40 to +96C)

Cut lengths available. 100' minimum

G
ADAPTERS

H
FABRICATION
EQUIPMENT

Hose I.D.	Hose O.D.	Working Pressure (Lbs.)	Min. Burst Pressure (Lbs.)	Min. Bend Radius (In.)	Weight Per Hundred Feet	Reel Footage
3/8"	0.750	225	900	3.5	20 lbs.	500'

J
THREAD ID
TECHNICAL

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