



Medium Pressure Hydraulic Hose

Medium pressure hydraulic line for use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for agricultural, earth moving, and material handling equipment.

Medium Pressure Hydraulic Hose 1SN / 100R1AT

EN 853 1SN MEETS AND EXCEEDS SAE J517 - 100R1AT

CORE: Oil and water resistant synthetic rubber

REINFORCEMENT: Single steel wire braid

COVER: Black color, synthetic rubber resistant to ozone, oil, weather, and abrasion. MSHA approved.

TEMPERATURE RANGE: -40 degrees F to +212 degrees F

PART NUMBER	DASH SIZE	NOMINAL HOSE I.D. (INCHES)	NOMINAL HOSE O.D. (INCHES)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (INCHES)
72003-80049	-3	0.19	0.47	3,625	14,500	3.6
72004-80049	-4	0.25	0.53	3,263	13,052	4.0
72005-80049	-5	0.31	0.60	3,118	12,472	4.2
72006-80049	-6	0.38	0.69	3,000	12,000	5.2
72008-80049	-8	0.50	0.80	2,320	9,280	7.2
72010-80049	-10	0.63	0.94	1,885	7,540	8.0
72012-80049	-12	0.75	1.10	1,523	6,092	9.6
72016-80049	-16	1.00	1.40	1,275	5,100	12.0
72020-80049	-20	1.25	1.75	915	3,660	16.8
72024-80049	-24	1.50	2.03	725	2,900	20.0
72032-80049	-32	2.00	2.55	580	2,320	25.2



Medium Pressure Hydraulic Hose

Constant pressure hydraulic line for applications requiring a compact outer diameter and increased flexibility. For use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for agricultural, construction and material handling equipment and machinery.

Medium Pressure Hydraulic Hose 100R17

SAE J517 - 100 R17

CORE: Oil and water resistant synthetic rubber
REINFORCEMENT: Sizes 1/4" to 1/2" single steel wire braid and size 5/8" to 1" two steel wire braids

COVER: Black color, synthetic rubber resistant to ozone, oil, weather, and abrasion. MSHA approved.
TEMPERATURE RANGE: -40 degrees F to +212 degrees F

PART NUMBER	DASH SIZE	NOMINAL HOSE I.D. (INCHES)	NOMINAL HOSE O.D. (INCHES)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (INCHES)
72004-80053	-4	0.25	0.51	3,050	12,200	2.0
72005-80053	-5	0.31	0.58	3,050	12,200	2.2
72006-80053	-6	0.38	0.67	3,050	12,200	2.6
72008-80053	-8	0.50	0.80	3,050	12,200	3.6
72010-80053	-10	0.63	0.94	3,050	12,200	4.0
72012-80053	-12	0.75	1.10	3,050	12,200	4.8
72016-80053	-16	1.00	1.40	3,050	12,200	6.0



Medium Pressure Hydraulic Hose

Medium pressure hydraulic line for use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for agricultural, earth moving, and material handling equipment.

Medium Pressure Hydraulic Hose 2SN / 100R2AT

EN 853 2SN MEETS AND EXCEEDS SAE J517 - 100R2AT

CORE: Oil and water resistant synthetic rubber

REINFORCEMENT: Double high tensile steel wire braids

COVER: Black color, synthetic rubber resistant to ozone, oil, weather, and abrasion. MSHA approved.

TEMPERATURE RANGE: -40 degrees F to +212 degrees F

PART NUMBER	DASH SIZE	NOMINAL HOSE I.D. (INCHES)	NOMINAL HOSE O.D. (INCHES)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (INCHES)
72003-80050	-3	0.19	0.55	6,017	24,068	3.6
72004-80050	-4	0.25	0.60	5,800	23,200	4.0
72005-80050	-5	0.31	0.65	5,075	20,300	4.6
72006-80050	-6	0.38	0.75	4,785	19,140	5.2
72008-80050	-8	0.50	0.88	4,000	16,000	7.2
72010-80050	-10	0.63	1.00	3,625	14,500	8.0
72012-80050	-12	0.75	1.17	3,117	12,468	9.6
72016-80050	-16	1.00	1.50	2,393	9,572	12.0
72020-80050	-20	1.25	1.90	1,813	7,252	12.8
72024-80050	-24	1.50	2.15	1,305	5,220	20.0
72032-80050	-32	2.00	2.65	1,160	4,640	25.2



Medium Pressure Hydraulic Hose

Medium pressure hydraulic line for use with applications requiring a compact outer diameter and a tighter bend radius. For use with petroleum, synthetic or water based fluids in hydraulic systems. Suitable for agricultural, construction and material handling equipment.

Medium Pressure Hydraulic Hose 100R16

SAE J517 - 100 R16 EXCEEDS 100 R2 SPECIFICATIONS

CORE: Oil and water resistant synthetic rubber
REINFORCEMENT: Size 1/4" to 1/2" single steel wire braid and size 5/8" to 1" two steel wire braids

COVER: Black color, synthetic rubber resistant to ozone, oil, weather, and abrasion. MSHA approved.

TEMPERATURE RANGE: -40 degrees F to +212 degrees F

PART NUMBER	DASH SIZE	NOMINAL HOSE I.D. (INCHES)	NOMINAL HOSE O.D. (INCHES)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (INCHES)
72004-80051	-4	0.25	0.53	5,800	23,200	2.0
72005-80051	-5	0.31	0.59	5,050	20,200	2.2
72006-80051	-6	0.38	0.69	4,800	19,200	2.6
72008-80051	-8	0.50	0.81	4,000	16,000	3.4
72010-80051	-10	0.63	0.93	3,600	14,400	4.0
72012-80051	-12	0.75	1.09	3,100	12,400	4.7
72016-80051	-16	1.00	1.40	2,400	9,600	5.9



MFC HOME OFFICE: SAINT PAUL, MINNESOTA

305 Bridgepoint Drive, Suite 400
South Saint Paul, MN 55075
Tel: 651.645.7522 800.351.9069
Fax: 651.645.8259



GRAND RAPIDS, MINNESOTA

1201 S.E. 7th Avenue
Grand Rapids, MN 55744
Tel: 218.999.9069
Fax: 218.999.9031



GALESBURG, ILLINOIS

698 US Hwy 150 East
Galesburg, IL 61402
Tel: 309.342.6171
Fax: 309.342.6946



PEORIA, ILLINOIS

817 N.E. Adams Street
Peoria, IL 61603
Tel: 309.674.6570
Fax: 309.674.6471



NEW BERLIN, WISCONSIN

16988 West Victor Road
New Berlin, WI 53151
Tel: 262.754.5522 800.227.5220
Fax: 800.424.6330



APPLETON, WISCONSIN

2310 West College Avenue
Appleton, WI 54914
Tel: 920.733.7223
Fax: 920.738.7228