



MWH1SN Hydraulic Hose

Specification Sheet



Tube Synthetic Rubber **Cover** Synthetic Rubber
Reinforcement One or two high tensile steel wire braids

MWH1SN		ID		OD	Max WP	Min BP	Bend Radius	Weight	Fitting Series	Normal Reel Quantity
		inch	Tolerance (in.)	Tolerance (in.)	psi	psi	inch	lbs./ft.		
Approvals SAE 100R1AT 1SN DIN 853 MSHA cover	MWH1SN-04	1/4	0.260 +/- .016	0.528 +/- .028	3,265	13,060	3.9	0.15	2WB or 2WC	500
	MWH1SN-06	3/8	0.382 +/- .016	0.685 +/- .028	2,610	10,440	5.1	0.22		400
	MWH1SN-08	1/2	0.508 +/- .024	0.813 +/- .030	2,323	9,280	7.1	0.27		350
	MWH1SN-10	5/8	0.634 +/- .024	0.935 +/- .030	1,885	7,540	7.9	0.32		200
	MWH1SN-12	3/4	0.756 +/- .024	1.093 +/- .030	1,525	6,100	9.4	0.39		325
	MWH1SN-16	1	1.012 +/- .028	1.407 +/- .033	1,275	5,100	11.8	0.59		225
	MWH1SN-20	1-1/4	1.268 +/- .031	1.722 +/- .041	915	3,660	16.5	0.81	4WB	150 coil
	MWH1SN-24	1-1/2	1.516 +/- .031	2.000 +/- .051	725	2,900	19.7	1.00		150 coil
	MWH1SN-32	2	2.016 +/- .031	2.531 +/- .051	580	2,320	24.8	1.35		150 coil

SAE Impulse Test Requirement 150,000 cycles minimum at 125% WP and 212° F
Maximum Abrasion Resistance (ISO 6945) 0.2 grams

TEST DOCUMENTATION



MWH1SN Hydraulic Hose

- ☐ 1/4"
- ☐ 3/8"
- ☐ 1/2"
- ☐ 5/8"
- ☐ 3/4"
- ☐ 1"
- ☐ 1-1/4"
- ☐ 1-1/2"
- ☐ 2"

APPROVAL PROCESS

JOB: _____ DATE: ____/____/____

MEETS DIMENSIONAL SPECIFICATIONS: ☐ YES ☐ NO

MEETS MATERIAL SPECIFICATIONS: ☐ YES ☐ NO

MEETS PRESSURE / TEMPERATURE SPECIFICATIONS: ☐ YES ☐ NO

NOTES: _____

ENGINEER NAME: _____

ENGINEER SIGNATURE: _____



**Midwest Hose
& Specialty, Inc.**



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