



MWHR12 Hydraulic Hose

Specification Sheet



Tube Synthetic Rubber **Cover** Synthetic Rubber
Reinforcement four high tensile steel wire spirals

MWHR12		ID		OD	Max WP	Min BP	Bend Radius	Weight	Fitting Series	Coil Length
		inch	Tolerance (in.)	Tolerance (in.)	psi	psi	inch	lbs./ft.		
Approvals SAE 100R12 R12 DIN EN 856 MSHA cover	MWHR12-08	1/2	0.508 +/- .024	0.937 +/- .031	4,000	16,000	7.0	0.50	4WB	200
	MWHR12-12	3/4	0.756 +/- .024	1.209 +/- .031			9.5	0.77		200
	MWHR12-16	1	1.012 +/- .028	1.496 +/- .047			12.0	1.22		200
	MWHR12-20	1-1/4	1.268 +/- .031	1.850 +/- .063	3,000	12,000	16.5	1.68		200
	MWHR12-24	1-1/2	1.516 +/- .031	2.104 +/- .061	2,500	10,000	20.0	1.95		200
	MWHR12-32	2	2.016 +/- .031	2.620 +/- .063			25.0	2.74		200

SAE Impulse Test Requirement 500,000 cycles minimum at 133% WP and 250° F
Maximum Abrasion Resistance (ISO 6945) 0.2 grams

TEST DOCUMENTATION



MWHR12 Hydraulic Hose

- ☐ 1/2"
- ☐ 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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