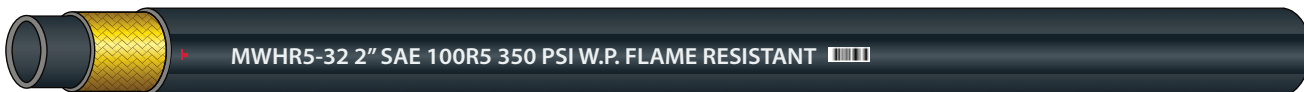




100R5/R5AT Hydraulic Hose

Specification Sheet



wider temp
range

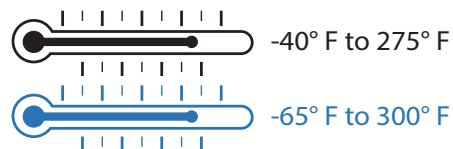


Tube Synthetic Rubber
Cover Polyester Braid
Reinforcement one high tensile steel wire braid

100R5/R5AT		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 100R5	MWHR5-04	3/16	0.203 +/- .014	0.520 +/- .020	3,000	12,000	3.0	0.16	R5C or R5R	1440
	MWHR5-05	1/4	0.268 +/- .016	0.583 +/- .020	3,000	12,000	3.3	0.19		965
	MWHR5-06	5/16	0.327 +/- .016	0.675 +/- .022	2,250	9,000	3.9	0.24		590
	MWHR5-08	13/32	0.421 +/- .016	0.766 +/- .022	2,000	8,000	4.5	0.27		490
	MWHR5-10	1/2	0.520 +/- .020	0.921 +/- .024	1,750	7,000	5.5	0.38		570
	MWHR5-12	5/8	0.648 +/- .022	1.079 +/- .024	1,500	6,000	6.5	0.47		195
	MWHR5-16	7/8	0.896 +/- .022	1.236 +/- .031	800	3,200	7.3	0.49		310
	MWHR5-20	1-1/8	1.150 +/- .024	1.500 +/- .031	625	2,500	9.1	0.61		200 coil
	MWHR5-24	1-3/8	1.398 +/- .024	1.750 +/- .031	500	2,000	10.4	0.77		200 coil
	MWHR5-32	1-3/16	1.835 +/- .024	2.220 +/- .047	350	1,400	13.2	0.92		200 coil
	MWHR5-40	2-3/8	2.406 +/- .031	2.874 +/- .047	350	1,400	24.0	1.53		200 coil

SAE Impulse Test Requirement up to -16 150,000 cycles minimum at 125% WP and 212° F
up to -20 100,000 cycles minimum at 100% WP and 212° F

TEST DOCUMENTATION



100R5/R5AT

- ☐ 3/16"
- ☐ 1/4"
- ☐ 5/16"
- ☐ 13/32"
- ☐ 1/2"
- ☐ 5/8"
- ☐ 7/8"
- ☐ 1-1/8"
- ☐ 1-3/8"
- ☐ 1-3/16"
- ☐ 2-3/8"

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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