



US Recording Media

US Recording Systems

MS Studio Audiocassettes

Outstanding cost-effective
performance



The new Maxell Professional MS Studio Audiocassettes (with Maxell XLII formulation) use a pure epitaxial magnetic particle. These ultrafine particles, combined with Maxell's unique Multi-orientation Technology, produce high output with low noise. To deliver strength and durability, and improve anti-resonance, MS Studio Audiocassettes feature a high endurance binder...a high resonance-damping cassette mechanism...a fixed low distortion screening shield...and a dual damping sheet.

Specifications

		Unit	MS-20	MS-30	MS-60	MS-90
Physical Properties	Tape Width	mm	3.81			
	Tape Thickness	µm	17 ± 1.5	17 ± 1.5	17 ± 1.5	12 ± 1.5
	Tape Length	m	31 ± 1.0	46 ± 1.0	90 ± 2.0	135 ± 3.0
	Residual Elongation	%	max. 0.2			
	Layer-to-layer Adhesion	degree	max. 45°			
	Yield Strength	N	min. 5			min. 3.5
	Coating Resistance	Ohms/sq.	max. 1 x 10 ¹¹			
Electroacoustic Properties	Bias Ratio	%	±20			
	Frequency Sensitivity	315 Hz	dB	-0.2 ± 0.7		
		7000 Hz	dB	+2.5 ± 1.0		
		12500 Hz	dB	+4.0 ± 1.5		
	Output Uniformity	315 Hz	dB	max. 0.5		
		7000 Hz	VU	max. 0.7		
	NQL	315 Hz	dB	min. -1.0		
10,000 Hz		dB	min. +2.5			
Signal-to-noise Ratio	dB	min. 59.5				

	Erasability	dB	min. 65	
	Print-through	dB	min. 51	min. 48
	Dropout	times	max. 3	

Lineup

Description	Recording Time	Item #
MS-20	20 Minutes	168310
MS-30	30 Minutes	168210
MS-60	60 Minutes	168110
MS-90	90 Minutes	168010