

PRODUCT PACKAGE
PRODUCT:

**SA HIGH-BIAS
AUDIO TAPES**
SPECIFICATIONS:

ITEM	UNIT	SA-60	SA-90	SA-100
PHYSICAL PROPERTIES				
Color of Tape		Black	Black	Black
Base Material		Tensilized Polyester	Tensilized Polyester	Tensilized Polyester
Tape Width	mm	3.81	3.81	3.81
Total Thickness	mm	17.0	12.5	11.5
Base Thickness	mm	12.0	7.5	7.0
Coating Thickness	mm	5.0	5.0	4.5
Tape Length	m	90	135	149
Yield Strength	N	7.5	6	5.5
Break Strength	N	15	11	10
MAGNETIC PROPERTIES				
Magnetic Particle		Super Avilyn	Super Avilyn	Super Avilyn
Coercivity	kA/m (Oe)	54 (680)	54 (680)	54 (680)
Remanence	mT (gauss)	175 (1750)	175 (1750)	175 (1750)
Squareness Ratio		0.86	0.86	0.86
RECORDING CHARACTERISTICS				
MOL	at 315 Hz	dB	+5.0	+5.0
	at 10 kHz	dB	-6.5	-6.5
Sensitivity	at 315 Hz	dB	+0.5	+0.5
	at 3.15 kHz	dB	+0.5	+0.5
	at 10 kHz	dB	+0.7	+0.7
	at 16 kHz	dB	+1.0	+1.0
Bias Noise		dB	-60.5	-60.5
Print Through		dB	55	50
Erasure		dB	70	70
Uniformity	at 315 Hz	dB	0.3	0.3
	at 10 kHz	VU	0.3	0.3

CASSETTE MECHANISM: Anti-Resonance Rigid Construction III
MEASUREMENT CONDITIONS

Measuring Deck: TDK Reference Deck	Reference Level: 250 nWb/m	MOL at 315 Hz: Playback output at 3% THD
Tape Speed: 4.76 cm/s	Playback Equalization: 3180 + 70 ms	MOL at 10 kHz: Saturation output level
Track Width: 0.6 mm	Reference Tape: High (TDK 9FH-7D029)	Measuring Magnetic Field Strength: 400 kA/m (5000 Oe)
Recording Head Gap: 4 mm	Operating Bias & Sensitivity: Comparison with reference tape	
Playback Head Gap: 1 mm	MOL & Bias Noise: Comparison with reference level	

(Specifications are subject to change without notice.)