

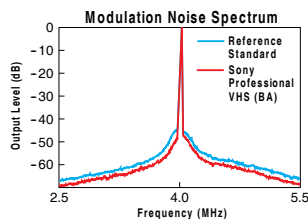
Professional VHS/S-VHS Videocassettes: Leading Quality in Popular Formats

Sony professional S-VHS and VHS videocassettes bring you higher quality from the world's most experienced 1/2" video expert. Sony VHS videocassettes come in album cases, and employ 185mT top quality π -SP HG tape. Sony MQSE S-VHS videocassettes are also album-packed and are ideal for high-resolution video and Hi-Fi applications.



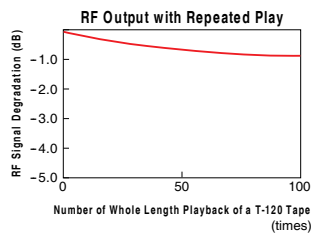
VHS with "Hi-Packing" and VIVAX

Sony's "Hi-packing" technology uses advanced particle dispersion, V-orientation and surface smoothing to maximize performance of VIVAX magnetic particles in the tough DDL binder. Hi-packing raises energy and reduces modulation noise for higher S/N to improve picture and sound quality.



S-VHS high resolution with Sony MQST

The higher resolution of S-VHS is yours with Sony MQST, supported by Sony's exclusive Hi-packing technology. Super RF binder, surface processing additive, and anti-static lid all work together to deter dropouts and keep output high. RF output degradation remains trivial even after roughly eight days' play.



Physical properties

Item	Unit	Typical value		
		E-120PM	MQSE-30,60,120	MQSE-180
Thickness: Base	μm	14.0	14.0	10.5
Thickness: Magnetic layer	μm	4.0	4.0	4.0
Thickness: Total	μm	19.0	19.0	14.5
Width	mm	12.65	12.65	12.65

Magnetic properties

Item	Unit	Typical value	
Intrinsic coercivity (Hc)	kA/m	60.5	79.6
Retentivity (Br)	mT	185	190
Squareness (Br/Bm)	D	0.93	0.93

Video and Audio performance*

Item	Unit	Typical value	
RF playback output	dB	+2.5	+1.0
Video S/N	dB	+1.5	+1.0
Chroma output	dB	+2.0	0
Color S/N	dB	+1.5	+1.0
Dropouts (-15dB, 20 μsec)	avg. counts/min.	5	5
Audio Sensitivity (1kHz)	dB	+1.5	0
Frequency response (7k/1k)	dB	+1.0	0
Erasability (1kHz)	dB	70	70
Hi-Fi RF output	dB	+2.0	+0.5

*Compared with SONY S-VHS and VHS reference tapes, respectively.