



LOW PRINT

480 |

AUDIO |

**SOUND ACQUISITION
MASTERING AUDIO TAPE**

THE WORLD'S INDUSTRY LEADER
IN FIELD SOUND ACQUISITION

PRODUCT OVERVIEW

480 is designed specifically for the critical field sound acquisition applications in today's television and movie recording environments. Analog recorders like the Nagra portables require clean running and durable performing tape. Our manufacturing process includes extra steps to ensure 480 is properly aligned on the reels to work well in this environment. The unique combination of high performance components and proven manufacturing process technology gives 480 users the superior performance they require in their sound acquisition applications.

PRODUCT FEATURES

- Wide dynamic range
- Low distortion and high fidelity
- Extremely low print-through
- Designed for Nagra recorders



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480 TECHNICAL DATA

Magnetic Properties

Coercivity 370 Oe (29.5 kA/m)
Retentivity 1400 Gs (140 mT)

Physical Properties

Standard Widths:
1/4" 0.246" (6.3 mm)
2" 1.996" (50.9 mm)
Nominal Thickness:
Base Film 1400 μ " (35.4 μ m)
Oxide Coating 600 μ " (15.2 μ m)
Backcoating 30 μ " (0.8 μ m)
Total 2030 μ " (51.4 μ m)

Performance Properties

Sensitivity at 1 KHz 0.8 dB
Sensitivity at 10 KHz 1.8 dB
Third Harmonic Distortion at
Reference Level (1 KHz) 0.3 %
Output Level at 3%
Third Harmonic Distortion (1 KHz) 12 dB
Modulation Noise Ratio -72.0 dB
Print-through -60.0 dB

480 CONFIGURATIONS

Catalog Number	Description	Reel Size		Tape Length		Carton Weight		Carton Quantity	
		Inches	/ mm	Feet	/ Meters	Lbs	/ Kgs		
480-13111C	.25" x 600', 5" plastic reel, setup box	.25	x 5	6.25	x 130	600	182	15.8 7.19	20
480-15111C	.25" x 1200', 7" plastic reel, setup box	.25	x 7	6.25	x 180	1200	365	17.6 8.01	20
480-97G11Y	2" x 2500', 10.5" precision reel, TapeCare™ box	2	x 10.5	50.8	x 270	2500	762	23.0 10.43	02
480-99G11F	2" x 5000', 14" precision reel, shipper	2	x 14	50.8	x 360	5000	1524	48.3 21.91	02