



**ANALOG**

# 406/407

AUDIO

**AUDIO MASTERING TAPE**

THE PRICE/PERFORMANCE CHOICE  
FOR TODAY'S ANALOG AUDIO USER

## PRODUCT OVERVIEW

Used worldwide for a broad range of audio applications, the Quantegy 406/407 is the best value on the market. When budget is a priority, 406/407 gives you optimum performance at the right price with professional parameters you expect. Quantegy 406/407 delivers superior reliability, reel-to-reel uniformity and excellent dynamic range.

## PRODUCT FEATURES

- Wide signal-to-noise ratio, high head room, low distortion
- Excellent reel-to-reel consistency
- Bias compatible with 456 Grand Master™



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## 406/407 TECHNICAL DATA

### Magnetic Properties

Coercivity 330 Oe (26.3 kA/m)  
Retentivity 1300 Gs (130 mT)

### Physical Properties

Standard Widths:  
1/4" 0.246" (6.3mm)  
1/2" 0.496" (12.6 mm)  
1" 0.997" (25.4 mm)

Nominal Thickness:  
Base Film: for 406 1400 μ" (35.4 μm)  
Base Film: for 407 850 μ" (21.5 μm)  
Oxide Coating 400 μ" (10.1 μm)  
Backcoating 30 μ" (0.8 μm)  
Total: for 406 1830 μ" (46.3 μm)  
Total: for 407 1280 μ" (32.4 μm)

### Performance Properties

Sensitivity at 1 KHz +0.8 dB  
Sensitivity at 10 KHz +1.5 dB  
Third Harmonic Distortion at Reference Level (1 KHz)

## 406/407 CONFIGURATIONS

Catalog Number	Description	Reel Size		Tape Length		Carton Weight		Carton Quantity
		Inches	mm	Feet	Meters	Lbs	Kgs	
<i>406 Studio Mastering Tape - 1.5 Mil Polyester</i>								
406-131131	.25" x 600' 5" plastic reel, setup box	.25 x 5	6.25 x 130	600	183	15.2	6.93	40
406-151131	.25" x 1200' 7" plastic reel, setup box	.25 x 7	6.25 x 180	1200	366	33.2	15.08	40
406-15113Y	.25" x 1200' 7" pancake, TapeCare™ box	.25 x 7	6.25 x 180	1200	366	23.8	10.79	20
406-17313J	.25" x 2500' 10.5" NAB reel, setup box	.25 x 10.5	6.25 x 270	2500	762	23.7	10.78	10
406-17613T	.25" x 2500' pancake, tray pack	Hub	Hub	2500	762	10.7	4.86	10
406-27213Y	.5" x 2500' pancake, TapeCare™ box	Hub	Hub	2500	762	18.9	8.56	7
406-273131	.5" x 2500' 10.5" NAB reel, setup box	.5 x 10.5	12.7 x 270	2500	762	23.1	10.50	7
406-57213Y	1" x 2500' pancake, TapeCare™ box	Hub	Hub	2500	762	23.2	10.54	5
<i>407 Studio Mastering Tape - 1.0 Mil Polyester</i>								
407-131131	.25" x 900' 5" plastic reel, setup box	.25 x 5	6.25 x 130	900	274	16.3	7.39	40
407-151131	.25" x 1800' 7" plastic reel, setup box	.25 x 7	6.25 x 180	1800	549	35.0	15.37	40
407-17313J	.25" x 3600' 10.5" NAB reel, setup box	.25 x 10.5	6.25 x 270	3600	366	24.7	11.22	10
407-17613T	.25" x 3600' pancake, tray pack	Hub	Hub	3600	366	11.3	5.12	10
407-27213Y	.5" x 3600' pancake, TapeCare™ box	Hub	Hub	3600	366	19.7	8.95	7
407-273131	.5" x 3600' 10.5" NAB reel, setup box	.5 x 10.5	12.7 x 270	3600	366	28.2	11.01	7