

Wideband Precision / High Resolution Instrumentation Tape



These tapes are designed for optimal performance on IRIG instrumentation tape recording systems. The construction and formulation of these tapes has been engineered for consistent performance with previous generations of instrumentation tape

Ordering Information					
Tape Width Inches	Tape Length Feet	Reel Size Inches	Sypris Part Number	Cross Reference to Previous Quantegy® Part Number	Sold in cartons Of
Wideband Precision Instrumentation Tape					
1/2	4,600	10.5	16785377-001	797-27GJ11	6
1/2	9,200	14	16785377-004	797-29GK11	6
1.0	4,600	10.5	16785377-008	797-57GJ11	4
1.0	9,200	14	16785377-011	797-59GK11	4
High Resolution Instrumentation Tape					
1/2	9,200	14	16785377-004	795-29GK4G	6
1.0	4,600	10.5	16785377-008	795-57GJ4G	4
1.0	9,200	14	16785377-011	795-59GK4G	4



Continuing the proud tradition of Metrum-Datatape®, Honeywell®, Bell & Howell® and Kodak®

Magnetic Properties

Coercivity	320 Oe	25.5 kA/m
Retentivity	1,450 Gs	145 mT
Erase Field	1000 Oe	80 kA/m

Physical Properties

Standard Width:		
	½"	12.7 mm
	1"	25.4 mm
Nominal Thickness:		
Base Film	790 u"	20 um
Oxide Coating	135 u"	3.4 um
Backcoating	40 u"	1 um
Total	965 u"	24.4 um

Performance Properties

Sensitivity		
200 kHz 120 IPS		-0.5 ± 1 dB
Wavelength Response		
1000 u" 25.3 um		-0.0 ± 1 dB
250 u" 6.3 um		-0.5 ± 1 dB
125 u" 3.2 um		-0.5 ± 1 dB
100 u" 2.5 um		-0.5 ± 1 dB
80 u" 2.1 um		-1.0 ± 1 dB
60 u" 1.5 um		-1.0 ± 1 dB
Backcoat Resistivity		2 x 10 ⁶ ohms/sq
Uniformity, Long & Short Term		2.0 max dB
Instantaneous Nonconformity*		<5 Avg. # per 100' Center Track <10 Avg. # per 100' Edge Track

Environmental Properties

Operating Conditions	40°- 120° F (4°- 49° C); 35 to 65% RH
Storage Conditions	40°- 90° F (4°- 32° C); <40 % RH

*Instantaneous Nonconformity = a 6dB loss of signal output for a period of 10 microseconds when recording and playing back a 1.0 MHz signal at 120 ips.

PROVISIONAL RELEASE

Sypris Data Systems Inc.
160 E. Via Verde Road, San Dimas, CA 91773-5120
909-962-9400 • 909-962-9401 Fax

Sales 1-888-891-3415
www.syprisdatasystems.com

©Sypris Data Systems Inc. 2004
CB032408 c

Continuing the proud tradition of Metrum-Datatape®, Honeywell®,
Bell & Howell® and Kodak®



*All trademarks used herein are the property of their respective owners.
ISO 9001 Registered
Printed in USA
Specification subject to change without notice