



795

INSTRUMENTATION

HIGH RESOLUTION
INSTRUMENTATION TAPE

CONSISTENT AND DURABLE
ENOUGH TO MAINTAIN A 25-YEAR
HISTORY OF QUALIFICATION TO
DEMANDING FEDERAL SPECIFICATIONS

PRODUCT OVERVIEW

Quantegy 795 is the acknowledged industry standard and workhorse where durability, reliability and consistency are demanded for extremely critical applications. When your application requires a tape that gives the same reliable performance on the one-hundredth pass as it does on the first, Quantegy 795 is the right decision.

PRODUCT FEATURES

- Exceeds requirements specified in W-T-1553B for durability and dropouts
- Minimized head wear and optimized performance
- Unique thermoset binder system provides an ultra-smooth tape surface



795

INSTRUMENTATION HIGH RESOLUTION INSTRUMENTATION TAPE

795 TECHNICAL DATA

Magnetic Properties

Coercivity	345 ±5% O _e (27.5 ±5% kA/m)
Retentivity	1000 ±10% G _s (100 ±10% mT)
Erasure Field (60 dB)	1000 O _e (79.7 kA/m)

Physical Properties

Standard Width:	
1/2"	0.498" ± 0.001" (12.7 mm)
1"	0.998" ± 0.001" (25.5 mm)
Nominal Thickness:	
Base Film (polyester)	1000 μ" (25.3 μm)
Oxide Coating	200 μ" (5.1 μm)
Backcoating	40 μ" (1.0 μm)
Total	1240 μ" (31.4 μm)

Performance Properties

Sensitivity	
200 kHz 120 IPS	0 ± 2.0 dB
Wavelength Response	
150000 μ" (3797.5 μm)	0 ± 2.0 dB
10000 μ" (253.2 μm)	0 ± 2.0 dB
250 μ" (6.3 μm)	0 ± 2.0 dB
125 μ" (3.2 μm)	0 ± 2.0 dB
100 μ" (2.5 μm)	0 ± 2.0 dB
80 μ" (2.1 μm)	0 ± 2.0 dB
60 μ" (1.5 μm)	0 ± 2.0 dB
Backcoat Resistivity	2 x 10 ⁶ Ohms/sq
Uniformity, Long & Short Term	
Edge Track	2.0 max. dB
Center Track	2.0 max. dB
Instantaneous Nonuniformity (dropouts / 100')	
Edge Track	10
Center Track	5

Environmental Properties

Operating Conditions	40° - 120° F (4° - 49° C); 35-65% RH
Storage Conditions	40° - 90° F (4° - 21° C); < 40% RH

795 CONFIGURATIONS

Catalog Number	Description	Reel Size		Tape Length		Carton Weight		Carton Quantity
		Inches	mm	Feet	Meters	Lbs	Kgs	
795-29GK3G	.5" X 9200', 14" HD Al precision reel	.5 x 14	36	9200	2804	51.0	23.13	7
795-2AG13G	.5" X 10800', 15" HD Al precision reel	.5 x 15	38	10800	3292	38.0	17.24	7
795-57GJ3G	1" X 4600', 10.5" HD Al precision reel	1 x 10.5	27	4600	1402	31.0	14.06	5
795-58G93G	1" X 7200', 12.5" HD Al precision reel	1 x 12.5	32	7200	2195	49.0	22.22	5
795-59GK3G	1" X 9200', 14" HD Al precision reel	1 x 14	36	9200	2804	53.5	24.28	5
795-29GK4G	.5" X 9200', 14" HD Al precision reel	.5 x 14	36	9200	2804	51.0	23.13	7
795-2AG14G	.5" X 10800', 15" HD Al precision reel	.5 x 15	38	10800	3292	26.1	11.84	4
795-57GJ4G	1" X 4600', 10.5" HD Al precision reel	1 x 10.5	27	4600	1402	31.0	14.06	5
795-58G94G	1" X 7200', 12.5" HD Al precision reel	1 x 12.5	32	7200	2195	49.0	22.22	5
795-59GK4G	1" X 9200', 14" HD Al precision reel	1 x 14	36	9200	2804	53.0	24.04	5

QUANTEGY INC.
2230 MARVYN PARKWAY
OPELIKA, ALABAMA, U.S.A. 36804

800-752-0732 WWW.QUANTEGY.COM

