

3M Audio Open Reel Tapes, in Customary Units

Product Number	Est. Year Introduced	Binder Type	Oxide Ctg Color	Base Material	Base Thickness/[mils]	Oxide Thickness/[mils]	Total Thickness/[mils]	Back Treated	Remanence/[flux lines/¼ in]	Rel Rem Lvl re 3M111/[dB]	Coercivity/[oersteds]	Retentivity/[gauss]	Special Feature
100	1947	A	black	paper	1.5	0.7	2.2	no	0.6	-0.6	320	550	
101	1948	B	brown	paper	1.5	0.5	2	no	0.64	0	270	900	
102 (111AM)	1953	B	brown	polyester	1.45	0.5	1.95	no	0.64	0	270	900	
111 (111A)	1948	B	brown	acetate	1.42	0.5	1.92	no	0.64	0	270	900	
112	1948	B	brown	acetate	1.42	0.7	2.12	no	0.45	-3.1	170	450	tape for Ampex 200A
120 (120A)	1953	B	dark green	acetate	1.42	0.65	2.07	no	1.1	4.7	260	1170	
122 (120AM)	1954	B	dark green	polyester	1.45	0.65	2.1	no	1.1	4.7	260	1170	
131	1958	B	brown	acetate	1.42	0.4	1.82	no	0.64	0	270	1000	
138	1958	B	brown	polyester	1.45	0.4	1.85	no	0.64	0	270	1000	
139	1958	B	brown	polyester	0.92	0.4	1.32	no	0.64	0	270	1000	
140	1960	B	brown	acetate	1.42	0.35	1.77	no	0.64	0	260	1100	
141	1960	B	brown	polyester	1.45	0.35	1.8	no	0.64	0	260	1100	
142	1960	B	brown	polyester	0.92	0.35	1.27	no	0.64	0	260	1100	
144	1960	B	brown	polyester	0.5	0.35	0.85	no	0.64	0	260	1100	
150	1954	B	red/brown	polyester	0.92	0.35	1.27	no	0.64	0	260	1100	
151	1964	B	brown	polyester	0.92	0.43	1.45	*	0.64	0	270	950	*back lubricated tape
152	1964	B	brown	polyester	0.92	0.43	1.92	*	0.64	0	270	950	*double ctd lube tape
153	1965	D	black	polyester	0.92	0.43	1.43	*	0.64	0	265	940	*back lubricated tape
154	1972	E	brown	polyester	0.92	0.27	1.3	*	0.5	-2.1	280	1150	*back lubricated tape
156	1972	E	brown	polyester	0.92	0.27	1.3	*	0.5	-2.1	280	1150	*back lubricated tape
157	1973	E	brown	polyester	0.75	0.38	1.23	*	0.64	0	320	1050	*back lubricated tape
158	1973	E	brown	polyester	0.92	0.27	1.3	*	0.47	-2.7	320	1050	*back lubricated tape
175	1965	C	black	polyester	1.42	0.5	1.92	no	0.72	1	275	900	
176 (211, 228)	1972	E	brown	polyester	1.42	0.4	1.82	no	0.64	0	325	1025	
177 (212, 229)	1972	E	brown	polyester	0.92	0.4	1.32	no	0.64	0	325	1025	
178 (213)	1972	E	brown	polyester	0.5	0.4	0.9	no	0.64	0	325	1025	
179 (214)	1972	E	brown	polyester	0.43	0.24	0.67	no	0.39	-4.3	325	1025	
186	1989	L	brown	polyester	1.46	0.36	1.82	no	0.68	0.5	365	1190	
190	1954	B	red/brown	acetate	0.95	0.35	1.3	no	0.64	0	260	1100	
200	1957	B	red/brown	polyester	0.5	0.35	0.85	no	0.64	0	260	1100	
201	1962	C	black	acetate	1.42	0.51	1.93	no	0.64	0	315	790	
202	1962	C	black	polyester	1.42	0.51	1.93	no	0.64	0	315	790	
203	1962	C	black	polyester	0.92	0.51	1.43	no	0.64	0	315	790	
206	1969	D	black	polyester	1.42	0.56	2.08	yes	0.93	3.2	320	1050	
207	1969	D	black	polyester	0.85	0.56	1.51	yes	0.93	3.2	320	1050	
208	1971	D	black	polyester	1.42	0.4	1.9	yes	0.64	0	330	1000	
209	1971	D	black	polyester	0.92	0.4	1.4	yes	0.64	0	330	1000	
217	1982	H	brown	polyester	0.56	0.34	0.98	*	0.75	1.4	360	1400	*back lubricated tape
219	1985	H	brown	polyester	0.79	0.38	1.25	*	0.75	1.4	360	1250	*back lubricated tape
226	1979	H	brown	polyester	1.3	0.56	1.94	yes	1.25	5.8	360	1400	
227	1980	H	brown	polyester	0.79	0.56	1.43	yes	1.25	5.8	360	1400	
250	1974	F	brown	polyester	1.3	0.68	2.06	yes	1.3	6.2	380	1200	
265	1977	K	brown	polyester	0.79	0.15	1.04	yes	0.32	-6	700	1350	digital tape
275	1984	L	dark brown	polyester	0.79	0.19	1.04	yes	0.45	-3.1	710	1400	digital tape
282	1960	B	red/brn,blk/brn	polyester	1.42	0.39	1.85	no	0.64	0	260	1030	mag layer overcoat
283	1960	B	red/brown	polyester	0.92	0.39	1.35	no	0.64	0	260	1030	mag layer overcoat
290	1964	C	black	polyester	0.5	0.17	0.67	no	0.25	-8.2	265	900	
294	1965	C	black	polyester	0.6	0.43	1.03	no	0.64	0	265	940	
295	1974	E	brown	polyester	0.43	0.18	0.68	yes	0.36	-5	315	1260	logging tape
296	1974	E	brown	polyester	0.85	0.18	1.1	yes	0.36	-5	315	1260	logging tape
311	1960	B	brown	pvc	1.42	0.38	1.8	no	0.63	-0.1	260	1050	
806	1986	H	brown	polyester	1.42	0.4	1.9	yes	0.9	3	370	1400	
807	1986	H	brown	polyester	0.92	0.4	1.4	yes	0.9	3	370	1400	
808	1986	H	brown	polyester	1.46	0.32	1.86	yes	0.67	0.4	360	1320	
809	1986	H	brown	polyester	0.92	0.32	1.32	yes	0.67	0.4	360	1320	
908	1993	I	brown	polyester	1.38	0.36	1.82	yes	0.9	3	365	1600	

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Number	Introduced	Type			[mils]	[mils]	[mils]	Treated	[flux lines/¼ in]	re 3M111/[dB]	[oersteds]	[gauss]	
966/986	1992	I	brown	polyester	1.38	0.49	1.95	yes	1.25	5.8	365	1600	
967	1992	I	brown	polyester	0.92	0.49	1.49	yes	1.25	5.8	365	1600	
996	1990	I	brown	polyester	1.42	0.63	2.13	yes	1.7	8.5	360	1700	
8135	1972	E	brown	polyester	0.43	0.2	0.7	yes	0.38	-4.5	315	1250	logging tape
8136	1972	E	brown	polyester	0.85	0.2	1.12	yes	0.38	-4.5	315	1250	logging tape
8206	1977	J	dark brown	polyester	0.79	0.2	1.05	yes	0.34	-5.5	345	1050	logging tape
8207	1977	J	dark brown	polyester	0.43	0.2	0.69	yes	0.34	-5.5	345	1050	logging tape
8265	1981	K	brown	polyester	0.92	0.16	1.14	yes	0.32	-6	650	1250	digital tape
8614	1978	J	dark brown	polyester	0.79	0.2	0.99	no	0.34	-5.5	345	1050	logging tape
Classic DP	1975	H	brown	polyester	0.42	0.48	0.98	yes	0.9	3	350	1200	
Classic LP	1975	H	brown	polyester	0.8	0.48	1.36	yes	0.9	3	350	1200	
Classic SP	1975	H	brown	polyester	1.42	0.48	1.98	yes	0.9	3	350	1200	
Master	1978	H	brown	polyester	0.8	0.48	1.36	yes	0.9	3	350	1200	
Master XS	1980	H	brown	polyester	0.79	0.56	1.43	yes	1.25	5.8	360	1400	
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