

### 3M Audio Open Reel Tapes, in SI Units

Product Number	Est. Year Introduced	Binder Type	Oxide Ctg Color	Base Material	Base Thickness/ [μm]	Oxide Thickness/ [μm]	Total Thickness/ [μm]	Back Treated	Remanence/ [nWb/m]	Rel Rem Lvl re 3M111/[dB]	Coercivity/ [kA/m]	Retentivity/ [mT]	Special Feature
100	1947	A	black	paper	38.1	17.8	55.9	no	960	-0.6	25.6	55	
101	1948	B	brown	paper	38.1	12.7	50.8	no	1024	0	21.6	90	
102 (111AM)	1953	B	brown	polyester	36.8	12.7	49.5	no	1024	0	21.6	90	
111 (111A)	1948	B	brown	acetate	36.1	12.7	48.8	no	1024	0	21.6	90	
112	1948	B	brown	acetate	36.1	17.8	53.8	no	720	-3.1	13.6	45	tape for Ampex 200A
120 (120A)	1953	B	dark green	acetate	36.1	16.5	52.6	no	1760	4.7	20.8	117	
122 (120AM)	1954	B	dark green	polyester	36.8	16.5	53.3	no	1760	4.7	20.8	117	
131	1958	B	brown	acetate	36.1	10.2	46.2	no	1024	0	21.6	100	
138	1958	B	brown	polyester	36.8	10.2	47	no	1024	0	21.6	100	
139	1958	B	brown	polyester	23.4	10.2	33.5	no	1024	0	21.6	100	
140	1960	B	brown	acetate	36.1	8.9	45	no	1024	0	20.8	110	
141	1960	B	brown	polyester	36.8	8.9	45.7	no	1024	0	20.8	110	
142	1960	B	brown	polyester	23.4	8.9	32.3	no	1024	0	20.8	110	
144	1960	B	brown	polyester	12.7	8.9	21.6	no	1024	0	20.8	110	
150	1954	B	red/brown	polyester	23.4	8.9	32.3	no	1024	0	20.8	110	
151	1964	B	brown	polyester	23.4	10.9	36.8	*	1024	0	21.6	95	*back lubricated tape
152	1964	B	brown	polyester	23.4	10.9	48.8	*	1024	0	21.6	95	*double ctd lube tape
153	1965	D	black	polyester	23.4	10.9	36.3	*	1024	0	21.2	94	*back lubricated tape
154	1972	E	brown	polyester	23.4	6.9	33	*	800	-2.1	22.4	115	*back lubricated tape
156	1972	E	brown	polyester	23.4	6.9	33	*	800	-2.1	22.4	115	*back lubricated tape
157	1973	E	brown	polyester	19.1	9.7	31.2	*	1024	0	25.6	105	*back lubricated tape
158	1973	E	brown	polyester	23.4	6.9	33	*	752	-2.7	25.6	105	*back lubricated tape
175	1965	C	black	polyester	36.1	12.7	48.8	no	1152	1	22	90	
176 (211, 228)	1972	E	brown	polyester	36.1	10.2	46.2	no	1024	0	26	103	
177 (212, 229)	1972	E	brown	polyester	23.4	10.2	33.5	no	1024	0	26	103	
178 (213)	1972	E	brown	polyester	12.7	10.2	22.9	no	1024	0	26	103	
179 (214)	1972	E	brown	polyester	10.9	6.1	17	no	624	-4.3	26	103	
186	1989	L	brown	polyester	37.1	9.1	46.2	no	1088	0.5	29.2	119	
190	1954	B	red/brown	acetate	24.1	8.9	33	no	1024	0	20.8	110	
200	1957	B	red/brown	polyester	12.7	8.9	21.6	no	1024	0	20.8	110	
201	1962	C	black	acetate	36.1	13	49	no	1024	0	25.2	79	
202	1962	C	black	polyester	36.1	13	49	no	1024	0	25.2	79	
203	1962	C	black	polyester	23.4	13	36.3	no	1024	0	25.2	79	
206	1969	D	black	polyester	36.1	14.2	52.8	yes	1488	3.2	25.6	105	
207	1969	D	black	polyester	21.6	14.2	38.4	yes	1488	3.2	25.6	105	
208	1971	D	black	polyester	36.1	10.2	48.3	yes	1024	0	26.4	100	
209	1971	D	black	polyester	23.4	10.2	35.6	yes	1024	0	26.4	100	
217	1982	H	brown	polyester	14.2	8.6	24.9	*	1200	1.4	28.8	140	*back lubricated tape
219	1985	H	brown	polyester	20.1	9.7	31.8	*	1200	1.4	28.8	125	*back lubricated tape
226	1979	H	brown	polyester	33	14.2	49.3	yes	2000	5.8	28.8	140	
227	1980	H	brown	polyester	20.1	14.2	36.3	yes	2000	5.8	28.8	140	
250	1974	F	brown	polyester	33	17.3	52.3	yes	2080	6.2	30.4	120	
265	1977	K	brown	polyester	20.1	3.8	26.4	yes	512	-6	56	135	digital tape
275	1984	L	dark brown	polyester	20.1	4.8	26.4	yes	720	-3.1	56.8	140	digital tape
282	1960	B	red/brn,blk/brn	polyester	36.1	9.9	47	no	1024	0	20.8	103	mag layer overcoat
283	1960	B	red/brown	polyester	23.4	9.9	34.3	no	1024	0	20.8	103	mag layer overcoat
290	1964	C	black	polyester	12.7	4.3	17	no	400	-8.2	21.2	90	
294	1965	C	black	polyester	15.2	10.9	26.2	no	1024	0	21.2	94	
295	1974	E	brown	polyester	10.9	4.6	17.3	yes	576	-5	25.2	126	logging tape
296	1974	E	brown	polyester	21.6	4.6	27.9	yes	576	-5	25.2	126	logging tape
311	1960	B	brown	pvc	36.1	9.7	45.7	no	1008	-0.1	20.8	105	
806	1986	H	brown	polyester	36.1	10.2	48.3	yes	1440	3	29.6	140	
807	1986	H	brown	polyester	23.4	10.2	35.6	yes	1440	3	29.6	140	
808	1986	H	brown	polyester	37.1	8.1	47.2	yes	1072	0.4	28.8	132	
809	1986	H	brown	polyester	23.4	8.1	33.5	yes	1072	0.4	28.8	132	

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908	1993	I	brown	polyester	35.1	9.1	46.2	yes	1440	<b>3</b>	29.2	160	
966/986	1992	I	brown	polyester	35.1	12.4	49.5	yes	2000	<b>5.8</b>	29.2	160	
967	1992	I	brown	polyester	23.4	12.4	37.8	yes	2000	<b>5.8</b>	29.2	160	
996	1990	I	brown	polyester	36.1	16	54.1	yes	2720	<b>8.5</b>	28.8	170	
8135	1972	E	brown	polyester	10.9	5.1	17.8	yes	608	<b>-4.5</b>	25.2	125	logging tape
8136	1972	E	brown	polyester	21.6	5.1	28.4	yes	608	<b>-4.5</b>	25.2	125	logging tape
8206	1977	J	dark brown	polyester	20.1	5.1	26.7	yes	544	<b>-5.5</b>	27.6	105	logging tape
8207	1977	J	dark brown	polyester	10.9	5.1	17.5	yes	544	<b>-5.5</b>	27.6	105	logging tape
8265	1981	K	brown	polyester	23.4	4.1	29	yes	512	<b>-6</b>	52	125	digital tape
8614	1978	J	dark brown	polyester	20.1	5.1	25.1	no	544	<b>-5.5</b>	27.6	105	logging tape
Classic DP	1975	H	brown	polyester	10.7	12.2	24.9	yes	1440	<b>3</b>	28	120	
Classic LP	1975	H	brown	polyester	20.3	12.2	34.5	yes	1440	<b>3</b>	28	120	
Classic SP	1975	H	brown	polyester	36.1	12.2	50.3	yes	1440	<b>3</b>	28	120	
Master	1978	H	brown	polyester	20.3	12.2	34.5	yes	1440	<b>3</b>	28	120	
Master XS	1980	H	brown	polyester	20.1	14.2	36.3	yes	2000	<b>5.8</b>	28.8	140	
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