

AMPEX

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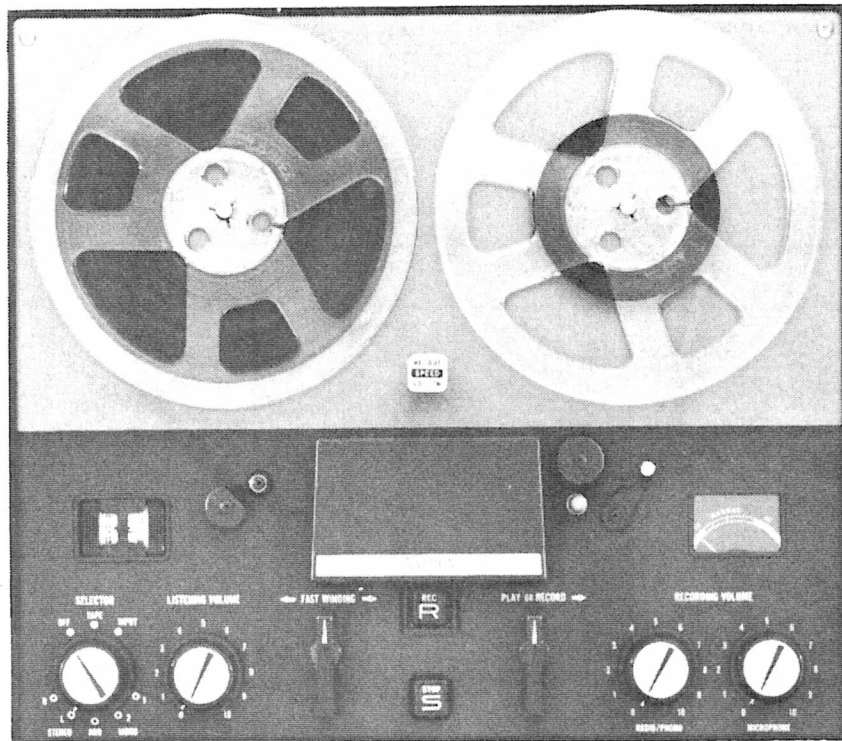
AUDIO EQUIPMENT AND TAPE
FOR HOME, SCHOOL, BUSINESS

AMPEX

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FINE LINE 1200

professional performance



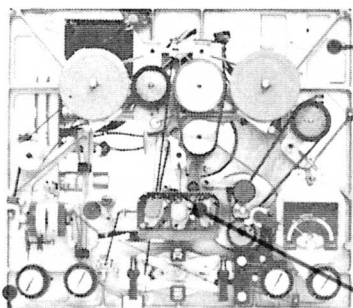
The Fine Line 1200 is a 4-track Stereophonic and Monophonic recorder/player. It records 4-track stereo and mono, plays 4-track stereo and 4-track, half, or full track mono tapes. Among non-professional recorders, the 1200 is the ultimate in electrical and mechanical performance. For the hi-fi enthusiast and serious recordist, it is both a *source of professional quality sound* and a *means of recording professional quality sound*. At the same speed (for example 7½ ips), the Fine Line 1200 has the SAME frequency response and low noise rating as Ampex professional broadcast recorders.

EXCLUSIVE FINE LINE 1200

FEATURES

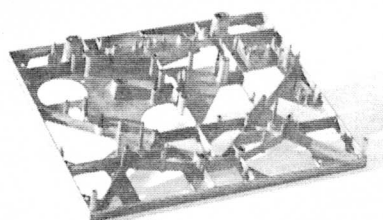
- **THREE SEPARATE, PROFESSIONALIZED HEADS**—erase, record, playback—no dual purpose heads, no compromise—each head designed for maximum performance
- **FINE LINE ALIGNMENT**—special design of frame and parts that move and guide the tape—holds tape in an ultra-precise position on the heads—necessary for 4-track recording and playing
- **CROSS-TALK ELIMINATED**—results from Fine Line Alignment plus innovations in head shielding between channels—no signal “leak” from adjacent tracks
- **MASTER SELECTOR SWITCH**—permits easy selection of stereo or mono—choice of mono channels—selective erase—sound-on-sound recording—comparison of input and recorded signals
- **“AUTO-SET” SHUT-OFF**—turns off mechanism at end of tape—turns off *both mechanism and power* in auto-set position
- **ADVANCED MECHANICS**—directional selective braking—smooth, silent stops—viscous damped—gentle handling of thin, long-play tapes—constant-tape-tension system eliminates need for head pressure pads

INSIDE THE FINE LINE 1200



PROFESSIONAL ELECTRONICS ...

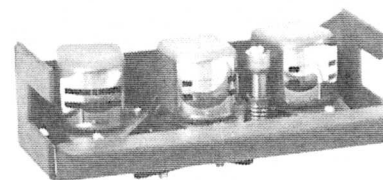
An important factor in any tape machine is the *quality* of its record and playback electronics. Conventional mass production or dual purpose electronics result in insensitive, noisy performance and poor frequency response. For truly professional performance, the Fine Line 1200 has *separate* record and playback electronics sections, each dual channel, similar in design and construction to those in Ampex broadcast recorders.



STURDY FRAME ... HEART OF FINE LINE ALIGNMENT

The success of any tape mechanism, especially 4-track, is dependent upon the rigidity and precision of its basic frame. A light weight or stamped metal frame may warp and cause critical parts to move out of alignment, with resulting loss of response and cross-talk.

Ampex uses an EXTRA HEAVY die cast frame in the Fine Line 1200. The top surface of this frame is *micro-milled* so all parts are permanently held in a "fine line" with each other; this frame will not warp. For exceptional long life with low flutter and wow, critical moving parts in the Fine Line 1200 rotate in EXTRA LONG bearings mounted in the die cast frame.



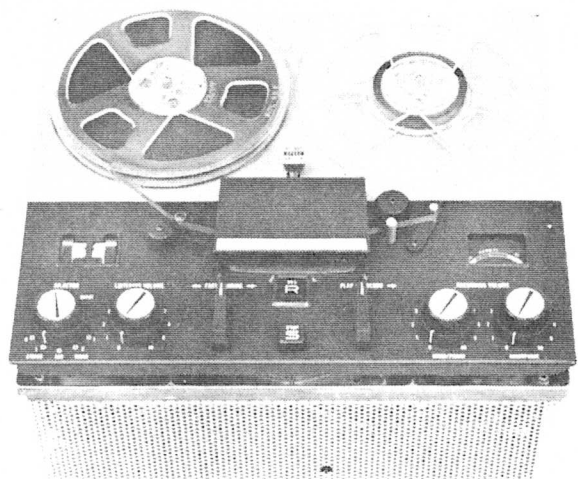
PROFESSIONAL TYPE HEADS ...

All three heads in the Fine Line recorder/player are precision mounted in mu metal shielding cases for effective inter-channel isolation. Outer and inner shielding results in pick-up and recording of signals in a *straight line* from the heads, instead of the "funnel-like" operation of other makes. No signal from an adjacent track can "leak" into either quarter track pick-up area in the playback head. Improved overall response of the Fine Line heads results in quarter track performance that equals or exceeds former 2-track stereo or half-track mono.

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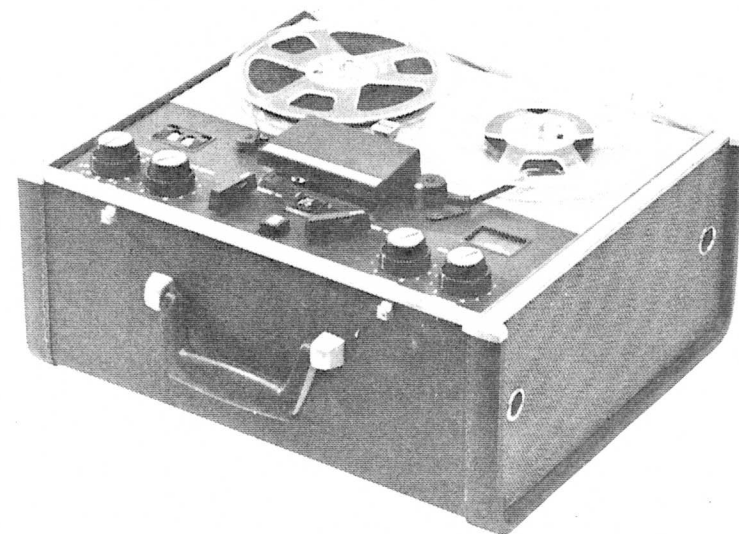
FINE LINE 1200

professional performance

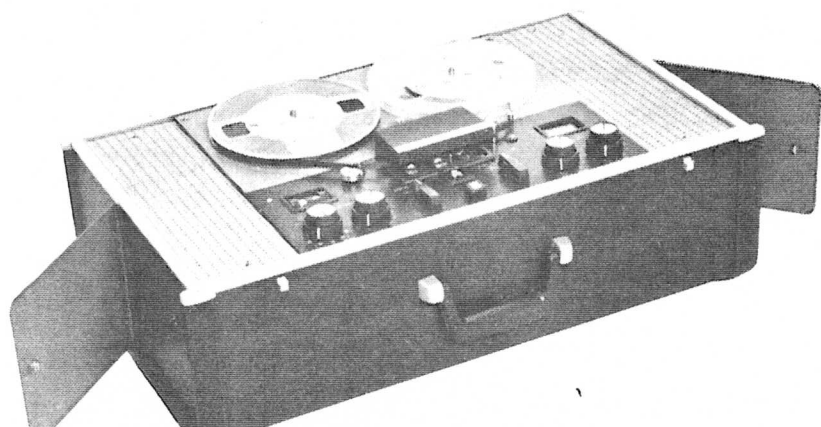


MODEL 1250 — an *unmounted* 4-track stereo and mono recorder/player with record electronics and playback preamplifiers — designed for compatible installation in custom-built or component home music systems — a source and means of recording true high fidelity sound.

MODEL 1260 — a *portable* 4-track stereo and mono recorder/player in attractive grey luggage — with record electronics and playback preamplifiers — can be used in a fixed music system, or easily transported for on-the-spot recording or playback over one or two 2012 portable amplifier/speakers — ideal for semi-professional recording and long-life service in education, business, theater, church or audio-visual systems.



MODEL 1270 — a *portable* 4-track stereo and mono recorder/player with pair of self-contained amplifiers and speakers (one in each end of case) — can be used as a recorder or music source with external amplifiers and speakers, or as a self-contained unit — built-in amplifier/speakers allow on-the-spot playback of tapes at volumes suitable for most normal sized rooms or classrooms — ideal unit for all-around user in home, education, business or church.



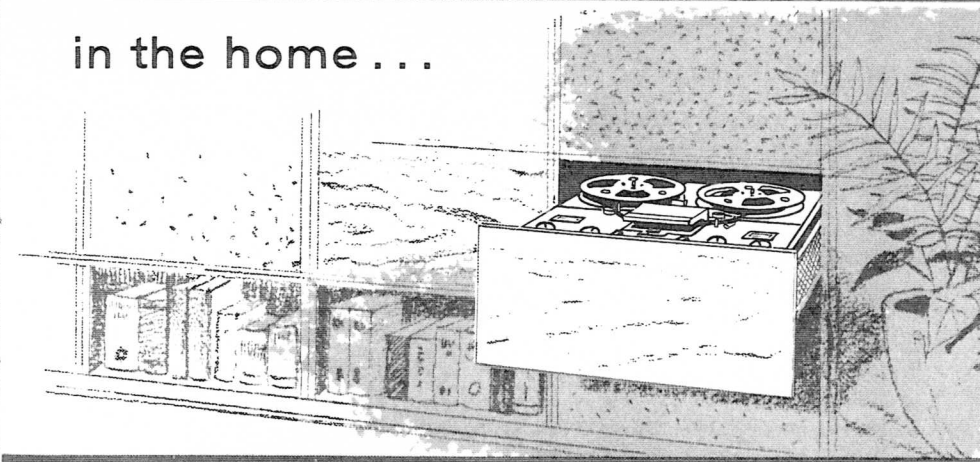
SPECIFICATIONS

(ALL MODELS)

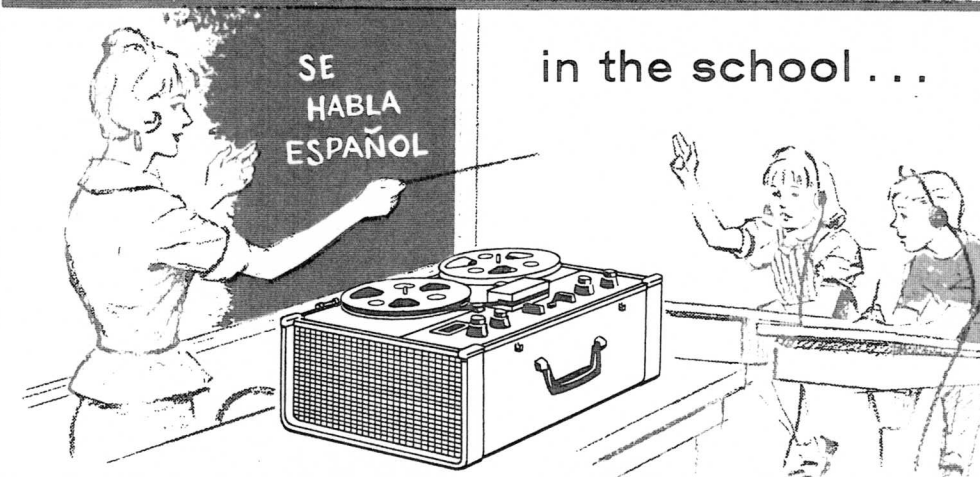
These technical specifications accurately reflect the true performance of every unit off the production line, as measured by professional equipment and standards.

RECORDS:	4-track stereo 4-track mono	
PLAYS:	4-track stereo 4-track mono	half-track mono full-track mono
SPEEDS:	7½ and 3¾ ips	
FREQUENCY RESPONSE:	50-15,000 cps, ±2 db, at 7½ ips	
SIGNAL-TO-NOISE RATIO:	55 db at 7½ ips 50 db at 3¾ ips	
FLUTTER AND WOW:	under 0.15% at 7½ ips under 0.2% at 3¾ ips	
INPUTS:	two high impedance mike inputs, phone jacks, conveniently located on the side of the recorder two high impedance line inputs, phono jacks, located on rear (approx. 0.25 volts needed for normal recording)	
OUTPUTS:	playback outputs approximately 0.75 volts from cathode follower	
TIMING ACCURACY:	perfection of pitch to within ⅓ of a half-tone	
POWER:	1250 and 1260-117 V, 0.9 amp 1270-117 V, 1.4 amp	
DIMENSIONS:	1250-13" x 15" (requires 1⅜" above deck, 6⅛" below deck) 1260-14" x 17½" x 9¼" 1270-14" x 24¾" x 9¼"	

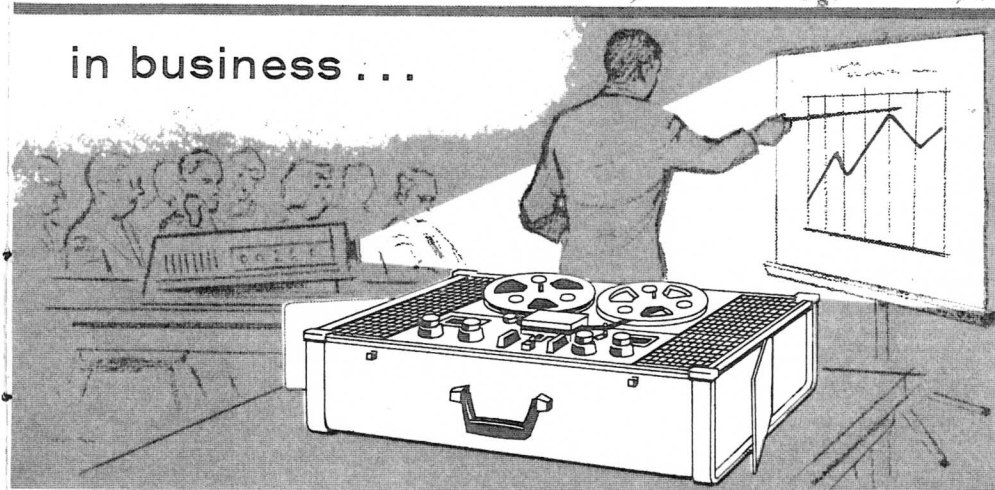
in the home ...



in the school ...

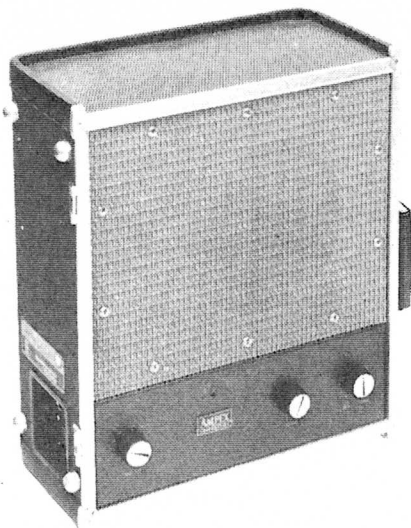


in business ...



AMPEX

AMPLIFIER/SPEAKER



MODEL 2012
*companion unit
 for the 1260
 and 1270 . . .*

The Model 2012 is a portable amplifier/speaker designed primarily for use with the 1260. It is self-contained and with the 1260 or 1270, allows full fidelity, high-volume playback of original or commercially recorded tapes. When any Ampeg 1200 recorder/player is used with a pair of 2012's, it becomes a COMPLETE HIGH FIDELITY STEREO SYSTEM. Singly or in pairs, the 2012 may also be used as a compact or portable playback unit with FM or AM tuners, record players, or with pre-amplification, as a public address system. The 2012 is mounted in attractive grey luggage to match the styling of the 1260.

SPECIFICATIONS

- OUTPUT:** 10 watts nominal, without distortion
- INPUT:** 0.18 volts to develop rated output
- SYSTEM RESPONSE:** 65-10,000 cps, essentially flat
- SIGNAL-TO-NOISE:** 70 db below rated output

AMPEX

NEW "FOUR STAR"
 ONE YEAR WARRANTY

AMPEX CONSUMER AUDIO EQUIPMENT

ONE YEAR WARRANTY

Congratulations and thanks. You now own the finest instrument of its kind in the world today. This equipment meets standards of performance, durability and reliability that surpass anything in its market. The warranty covering this equipment is valuable to you.

This warranty is effective only when the warranty-registration card is fully and properly filled and returned to the factory within ten (10) days of delivery.

A validated one year warranty identification card will be returned immediately to the purchaser to be used when in-warranty service is necessary in order to protect you within the terms of this warranty.

Before your unit left the factory, all phases of its performance were carefully checked by sensitive test instruments. This individual Ampeg unit equalled or exceeded all current specifications for its model. Hence, if properly used, it should meet your most exacting requirements.

Should you experience difficulty in the operation of this equipment or should servicing of any kind be necessary, please contact the dealer from whom you purchased it.

If the equipment has been damaged in transit, you should report the fact immediately to your dealer.

Ampeg reserves the right to modify or change the equipment, in whole or in part, at any time prior to delivery thereof, in order to include therein electrical or mechanical refinements deemed appropriate by Ampeg, but without incurring any liability to modify or change any equipment previously delivered, or to supply new equipment in accordance with earlier specifications.

WARRANTY

Ampeg warrants to the original using purchaser that all new Consumer Audio Equipment shall be free from defects in workmanship and material under normal and proper use and service for a period of one year from date of delivery to original using purchaser and agrees to repair or replace all parts (except tubes and tape) thereof showing such defects, subject to all of the following provisions:

Ampeg Warranty Obligation

(a) Parts returned within 90 Days from Date Equipment Delivered to Original Using Purchaser - All such defective parts will be repaired or replaced at no charge for labor or materials.

(b) Parts returned within 90 Days from Date Equipment Delivered to Original Using Purchaser - All such defective parts will be repaired or replaced at no charge for material and labor charge equal to actual labor costs incurred in such repair or replacement, provided the equipment (excluding tape) covered has not been used in a commercial application. If the equipment has been used in a commercial application Ampeg shall have no warranty obligation during said 90 Day period.

(c) In all warranty transactions the responsibility of Ampeg shall be limited to making a new or factory-recognized replacement part available to the dealer through an Ampeg Authorized Service Center; it is the responsibility of the dealer to repair or replace defective parts either by his own service personnel or through an Ampeg Authorized Service Center.

Conditions of Ampeg Warranty

(1) Defective equipment shall be returned, transportation prepaid, to the Ampeg dealer from whom the equipment was originally purchased or to an Ampeg Authorized Service Center; and
 (2) Warranty registration card shall have been fully and properly filled out and returned to the factory within ten (10) days from the date the equipment was delivered to original using purchaser.

(3) Purchaser, for warranty service, must present one year warranty identification card to Ampeg Dealer or Authorized Service Center performing service; and

(4) Purchaser shall not have used or allowed to have been used or the equipment any parts not supplied by Ampeg through its dealers (tubes and vacuum tubes excluded); and

(5) Inspection shall disclose to Ampeg's satisfaction that the defects are as shown on file and that the equipment has not been stored in any manner by other than factory authorized procedures, subjected to any shock, abuse or damage, or damaged by excessive current or otherwise, or had its serial number or any part thereof altered, deleted or removed.

Exclusions to Ampeg Warranty

(a) Vacuum tubes carry their respective manufacturer's warranties and shall be and are hereby excluded from the provisions of this warranty; and in this item, no warranty, expressed or implied, is made by Ampeg;
 (b) Replacement parts supplied under this warranty carry only the warranty period of the original warranty.

Sale Warranty

This warranty is expressed in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on the part of Ampeg. No person, including any dealer, agent or representative of Ampeg, is authorized to assume for Ampeg any liability or to amend or to add to this warranty except in favor of purchasers to this warranty in no event shall Ampeg be liable for claims, demands or damages of any nature, however denominated. Ampeg's sole warranty liability shall be to repair defective items or to supply replacement parts in accordance with the terms of this warranty.

AMPEX

AMPEX CORPORATION, AUDIO DIVISION, 1020 KIFER ROAD, SUNNYVALE, CALIFORNIA

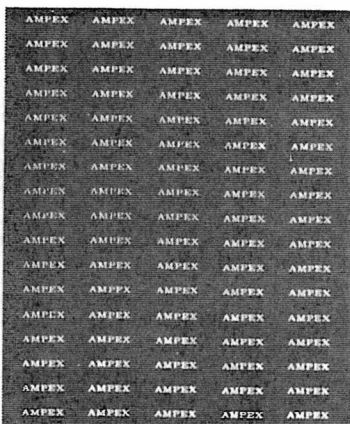
BUY AMPEX WITH CONFIDENCE - All Ampex 1200 series recorder/players and 2012 amplifier/speakers are covered by the new Ampex "FOUR STAR" ONE YEAR WARRANTY . . . your assurance that Ampex backs up its reputation for ★ QUALITY ★ RELIABILITY ★ PERFORMANCE ★ LEADERSHIP.

AMPEX

MAGNETIC RECORDING

TAPE

Ampex Recording Tape | 511



AMPEX 500

*premium quality
tape for semi-
professional and
home recording...*

Ampex 500 Series is a *premium* quality audio recording tape with exclusive Ferro-Sheen® oxide surface for maximum frequency response, clean operation and low head wear. It is available on 5 or 7 inch plastic reels and is the best quality tape for semi-professional and first-rate home recording. It is designed for optimum performance on Ampex recorders. An Ampex SIGNATURE BINDING and gold foil title tab is included with each reel of Ampex tape so your finished recording will have an attractive library binding with a personalized title.

TYPES OF AMPEX 500 TAPE

No. 531	1.5 mil Mylar* base	strongest, hardest wearing
No. 511	1.5 mil Acetate base	strong and economical
No. 541	1.0 mil Mylar* base	extended play, strong
No. 521	1.0 mil Acetate base	extended play, economical
No. 551	0.5 mil Mylar* base	extra-long play

*T.M. DuPont

Signature Binding...



IRISH 300

*economical tape
for all home
and audio-visual
recording...*

Irish 300 Series is an economical audio tape with exclusive Ferro-Sheen® oxide surface for maximum frequency response, clean operation and low head wear. It is available on 3, 5 and 7 inch plastic reels. The 5 and 7 inch reels come with an Ampex SIGNATURE BINDING and gold foil title tab. The 3 inch reels come in a handy self-mailer box. Irish tape with 1.5 mil Mylar* or Acetate base is also available in an audio-visual package; 7 or 5 inch reels come with matched COLORED reels, leaders on both ends of the tape and self-adhering box binders.

TYPES OF IRISH 300 TAPE

No. 331	1.5 mil Mylar* base	strongest, hardest wearing
No. 311	1.5 mil Acetate base	strong and economical
No. 341	0.1 mil Mylar* base	extended play, strong
No. 321	0.1 mil Acetate base	extended play, economical
No. 351	0.5 mil Mylar* base	extra-long play

*T.M. DuPont

Signature Binding...