

VINYL SOLUTIONS

CONVERTING SERVICES



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Slitting

Capabilities include materials in thickness from 4 mil up to 120 mil. Master rolls up to 73" wide can be slit as small as 2" wide. We can also slit more than just PVC. If you have a special material that needs converted, call one of our product specialist to see if we can help. Tissue interleaving and custom put-ups can also be done to meet your requirements.



Sheeting

Master rolls and slit rolls can be sheeted to exact specifications. Tissue interleaving is commonly used to prevent sheets from sticking together. Sheets are available in sizes up to 54" x 72". Larger size sheets require special tolerances.



Rewinding, Interleaving & Electrostatic Dusting

Special put-up requirements can be met with our unwinding and rewinding capabilities. To prevent air bubbles from compromising the quality of the material, it is recommended that interleaf paper be used. Interleaving is also recommended for softer, tackier films to facilitate easier handling and processing of the material. Another option to eliminate tackiness is dusting. Our high-tech dusting equipment can be adjusted from super light to extra-heavy levels of dusting.



Heat Sealing

Radio frequency plastic welding, or heat sealing is a process in which PVC sheets are permanently bonded together. This process allows us to manufacture larger sheets and curtains with neat, durable hems and seams. All film materials as well as strips and sheets up to .160" thick can be heat sealed. The width of the seams can vary from 1/2" up to 2". Custom sewing is another service TMI offers.



Cutting to Size

Panels can be cut to size and re-rolled the opposite way to reduce the natural curve of the material. Our specialized cutting machine insures clean, accurate and square cuts.



Normalizing

Cut-to-size panels can be normalized to completely remove the natural curve in the material. Normalized panels are shipped on custom made skids and are interleaved with special normalizing paper.



Extrusion Welding

With the newly developed extrusion welding technology, we have the ability to weld PVC panels from 0.24" thick up to 0.50" thick. This process enables us to weld clear and opaque materials together. Common applications and flexible impact doors and bi-folding doors.



Hot Air Welding

This process of welding is used to attach vinyl-coated materials to clear or opaque, lexible PVC sheets or panels. The most common application is the attachment of hook and loop fasteners, used for closure on bi-folding doors, clean room panels, sound panels, and slid-ing doors.



Cutting and Punching

All strip and sheet material can be cut to specified length and punched with holes for mounting. Special size pieces (any size), angle cut strips and other special requirements are also available.



Partial Rolls

Partial rolls can be ordered instead of full rolls then desired. Materials are cut to the required roll length and repackaged for shipping.



Heat Sealing

Strips can be produced with a heat sealed loop at the top for mounting on bars or rods. Heat sealing can also be used to create a clear window inside an opaque sheet. We can design and produced special heat sealing dies to meet your requirements.



Die Cutting

Custom die cutting for applications that require special shapes, holes, or angles for pieces up to 48" x 60". If you provide a drawing for a finished die cut piece, we can design and produce the dies to accommodate our die cutting machines.