



# Masking Product Overview

Tekra handles a wide variety of maskings to specifically suit your application needs.

Maskings can be segregated as paper or film and pressure sensitive adhesive or coextruded "cling." They can also be segregated by application type, protective or premask (application). Generally, paper maskings are used for application purposes, to insure proper spacing of lettering or signage, and are pressure-sensitive applied. Film maskings are used for protective purposes to prevent scratching and contamination of film during transit and processing, and can be either pressure-sensitive applied or heat-assisted applied when working with the cling products. Paper maskings can sometimes be used for protection; however, this is usually done to protect thicker sheet product only, not thin film.

Once the application need is determined, the selection of mask can be further broken out by the performance criteria needed, by substrate it is being applied to, and by the conditions under which it is being applied.

The following includes a summary of key characteristics of some of the maskings available from Tekra. The adhesion levels are all based on the PSTC-1 standard. Because this list is not all-inclusive, please call or email Tekra for additional masking products available.

Mask Type	Paper/Film	Adhesion Type/Level	Application
3M 3110	3 mil polyethylene film	2.0 oz/in to steel - PSA	Designed to protect polished metals, plastics and glass materials with minimal adhesion buildup and clean removal.
3M 3125	3 mil polyethylene film	5.0 oz/in to steel - PSA	Protection for mill finish aluminum and stainless and semi gloss plastic surfaces.
3M 3126	3 mil polyethylene film	7.0 oz/in to steel - PSA	Protection for lightly textured metal and plastic surfaces.
American Biltrite 6560	Paper	10 oz/in – PSA	Application tape. Premask for larger vinyl labels.
American Biltrite 582U	Paper	12.5 oz/in – PSA	Medium tack for pre-spaced and die-cut letters.
American Biltrite 592U	Paper	15.5 oz/in – PSA	Application of intricate labels. Also for masking or thermal die-cut lettering.
American Biltrite 6760	Paper	12.0 oz/in – PSA	Application of large decals requiring a more rigid premask. Protection of metal finishes requiring good abrasion resistance. Used where greater protection is needed during forming and drawing.
American Biltrite 782U	Paper	14.0 oz/in – PSA	Used where long-term moisture resistance and rigidity are needed. Heavier paper for use on larger decals.
American Biltrite 792U	Paper	16.0 oz/in – PSA	Used where long-term moisture resistance and rigidity is needed. Heavier paper for use on larger decals.
TK8000	2 mil Clr LDPE	0.5 oz/in	Protection of reflective surfaces. Offers virtually no adhesion build.

<b>Mask Type</b>	<b>Paper/Film</b>	<b>Adhesion Type/Level</b>	<b>Application</b>
3M 2104	2 mil polyethylene film	1.0 oz/in	Low tack adhesive system to protect polished metals, plastics, and glass.
RTape 4000	5 mil paper	6.0 - 8.0 oz/in	Premask for large vinyl graphics and digital prints.
RTape 4050RLA	5 mil paper	12.0 - 14.0 oz/in	Premask for small and medium sized vinyl graphics.
RTape 4075RLA	5 mil paper	16.0 - 18.0 oz/in	Premask for small and medium sized vinyl graphics.
RTape 4750RLA	6 mil paper	12.0 - 14.0 oz/in	Protective premask for graphics printed with UV inks and clear coats.
Nitto 5058A5	2 mil clear polyethylene film	70 cN/20mm	Protects high gloss surfaces during mechanical processes, storage, and transportation.
Nitto 5057A5	2 mil blue polyethylene film	70 cN/20mm	Blue version that protects high gloss surfaces during mechanical processes, storage, and transportation.
Nitto 5058A5F	2 mil clear polyethylene film	70 cN/20mm	High transparency for more critical surfaces where high esthetical appearance is required.