

Spray Products



Spray Adhesives

Spray adhesives are used for temporary and permanent bonds when quick bond times are essential.

Camie 300 is a general purpose adhesive that provides instant tack, high strength, temporary and permanent bonds and a conical/fan mist spray pattern, light amber in color. Formulated to bond paper, cardboard, fabric, leather, foil, fiberglass to metal, wood and a variety of other substrates.

Camie 363 is a general purpose spray developed specifically to offer the user a fast tacking, high strength adhesive for a wide variety of substrates. The transparent, low soak in product exhibits particular strength when bonding polyethylene film to dry wall, brick, concrete block for partitioning and isolating construction areas. It is pressure sensitive which allows it to be repositionable.

Camie 373 is a high performance, pressure sensitive adhesive developed for a variety of applications and can be used in almost any plant. It is a mist type spray and is colorless and suited for labeling, palletizing, screen printing, and many other general purpose uses. Does not contain any ozone depleting chemicals.

Camie 380 is specifically designed for the textile screen printer to offer a true pressure sensitive adhesive that does not stain yet offers a quick tack and low soak in. Will not wrinkle fine materials and can be used where transfer of adhesive is a problem. Does not contain ozone depleting chemicals.

Camie 393 trim and laminating spray is recommended for all applications requiring either high strength or high temperature, or both. It is clear, non-yellowing. Use on trim work, door panels, or other harsh demanding jobs such as carpets, upholstery and insulation. It has a three way adjustable valve and does not contain any ozone depleting chemicals.

DESCRIPTION	SIZE	COLOR
300 - General Purpose	17 oz.	Light Amber
363 - Fast Tack, High Strength	17 oz.	Translucent
373 - High Performance	16.25 oz.	Water White
380 - Screen Printers	20 oz.	Clear
393 - Headliner, Trim and Laminating	16.5 oz.	Water White

Spray Products

Camie 22/50 solvent cleaner and degreaser is a nonflammable cleaner/degreaser with jet spray valve. Safely removes dirt from electrical components while in use. Excellent for cold degreasing of all metals and certain plastics.

Camie 22/80 all natural citrus cleaner can be used safely on most substrates. Very useful for removal of adhesive overspray and to clean pallets of old adhesives. Leaves no residue.

Camie 22/90 heavy duty cleaner and degreaser is recommended for heavy-duty cleaning and degreasing of work areas. Useful on machinery and for degreasing general metal parts.

Camie 999 dry silicone is a 4% dry, low odor, multipurpose lubricant. Spray on the underside of screens to prevent them from sticking to the fabric during the printing process.

Camie A1000 dry lubricant release agent has PTFE dispersion of white waxy, low molecular weight polymer.

DESCRIPTION	SIZE
Solvent Cleaner Degreaser	13.5 oz.
Citrus Cleaner	20 oz.
Cleaner Degreaser	20 oz.
Silicone Lubricant	20 oz.
Dry Lubricant Release Agent	13 oz.



Spray Inks

Spray stencil inks are useful for permanent, waterproof, fast-drying, bold marks on any surface. Spray inks are lead free, CFC and CFHC-free, and environmentally safe!

All of our industrial spray inks are CONEG and SARA compliant.

- Standard colors include black, blue, green, orange, red, white, and yellow
- Packaged in 11 oz. (308 g) cans; 12 cans per box
- Complies with California's Prop 65
- Meets government performance requirements for specification CID A-A-208B

DESCRIPTION	SIZE
Black Spray Ink	11 oz.
Blue Spray Ink	11 oz.
Green Spray Ink	11 oz.
Orange Spray Ink	11 oz.
Red Spray Ink	11 oz.
White Spray Ink	11 oz.
Yellow Spray Ink	11 oz.

Tan Markover Spray

Save and reuse your old cartons. Spray old boxes with carton markover spray to avoid address and marking confusion. Fast, convenient, practical and economical.

DESCRIPTION	SIZE
Tan Mark Over Spray	11 oz.

Valve Action Marking Pens

This most economical valve action marker contains 35% to 75% more ink than most disposable markers. All markers feature long lasting tips, and are available in both dye type for marking on porous surfaces and pigmented type for non-porous surfaces.

Dye type markers make bold, fast-drying, waterproof marks - good for general marking on wood, cardboard and other porous and non-porous surfaces. Available in black, blue, green, and red.

Pigmented type markers are recommended for heavy-duty, outdoor use, marking permanent, weatherproof, fast-drying opaque marks. Great for glass and poly. Available in black, white, red, orange green, pink, violet, blue and yellow.

DESCRIPTION	COLOR
Dye Type Marker	Black
Pigmented Type Marker	Black

Refillable Jumbo Chisel Point Marking Pens with Permanent Ink

Marks permanently on wood, plastic, metal, glass - virtually any surface - and the durable chisel point tip marks wide or fine lines. This is the industrial marker of choice! Also features refillable, fast drying, waterproof ink. Available in black, blue, red and green.

DESCRIPTION	COLOR
Jumbo Chisel Point Marker	Black
Refill Ink for Jumbo Marker	Black
Jumbo Chisel Point Marker	Red
Refill Ink for Jumbo Marker	Red
Jumbo Chisel Point Marker	Blue
Refill Ink for Jumbo Marker	Blue
Jumbo Chisel Point Marker	Green
Refill Ink for Jumbo Marker	Green

Also available in Broad Chisel Point and Fine Bullet Point.

Sharpie Fine Point Permanent Markers

Permanent on most surfaces, Sharpie markers feature fade and water resistant ink. Quick drying, AP certified non-toxic ink formula comes in 39 assorted colors.

Stencil Supplies



Stencil Oil Board

Oilboard is exceptionally high-quality paper board treated with a special combination of oils to resist ink bleed-through and cut with the grain to maintain rigidity. Ideal for flat or curved surfaces.

- Will not tear or pull when cut
- Standard sizes from 5" x 6" (10 cm x 15 cm) to 24" x 36" (60 cm x 90 cm); also available in a 48" x 300" (120 cm x 9 m) roll
- Natural oilboard available in .007" (.018 cm) thickness for use with 1/4" machines and .015" (.38 cm) thickness
- Special size sheets and rolls available on request
- Packaged in 50 lb. (22.5 kg) and 100 lb. (45 kg) cases

DESCRIPTION/SIZE	QUANTITY
6" x 24", Natural	50 lbs/ctn
7" x 24", Natural	50 lbs/ctn
48" x 300", Natural	Roll

Stencil Rollers, Brushes & Ink Pads

The pump action of fountain rollers give you fast, uniform ink dispensing without fading or flooding. Designed to make stenciling easy on any surface, ideal for neat and quick paint application.

Stencil Applicator Roller - Available in 1 1/2" and 3" sizes for porous or non-porous surfaces.

The **Stencil Fountain Brush** ensures solid stencil coverage and strong clear marks. Great for uneven surfaces such as crates or concrete. Bristles are set in epoxy for long-lasting performance with solvent based inks.

DESCRIPTION
Non-porous roller, 3"
Non-porous replacement roller, 3"
Fountain brush, genuine hogs-hair tip, includes cover
Genuine hogs-hair replacement brush tip
Non-porous ink pad
Non-porous stencil kit, 3", includes fountain roller and one quart black ink
Non-porous stencil kit, 3", includes fountain roller (ink not included)

Stencil cutting machines are shown on page 23.

Non-Porous Stencil Ink

Waterproof, permanent and fast-drying for marking on any porous or non-porous surface. Non-porous stencil ink can be used with: stencil fountain rollers, fountain brushes, stencil pads and roller system, or standard spray gun.

- Use appropriate solvent for cleanup
- Standard colors: black, blue, green, red, white
- Available in quarts (0.95 l) or gallons (3.8 l)
- Meets government performance requirements for specification TT-I-1795 and CID A-A-208B

DESCRIPTION	SIZE
Black non-porous stencil ink	Quart
White non-porous stencil ink	Quart

Porous Stencil Ink

Permanent, waterproof, fast-drying, for marking on porous surfaces such as: paper, cloth, wood, cardboard cartons, etc. Use porous stencil ink with the following products: the stencil fountain rollers, fountain brushes, M99 Marker, or standard spray gun.

- Use appropriate solvent for cleanup
- Standard colors: black and red
- Available in quarts (0.95 l) and gallons (3.8 l)

DESCRIPTION	SIZE
Black porous stencil ink	Quart
Black porous stencil ink	Gallon
Red porous stencil ink	Quart

Stencil Board Selector Guide						
Use the chart below to choose the oil board that is right for your application:						
LETTER HEIGHT	NUMBER OF LINES TO BE CUT					
	1	2	3	4	5	6
	STENCIL BOARD HEIGHT REQUIRED					
1/4" (6.35 mm)	4"	4"	4"	4"	4"	5"
1/2" (12.70 mm)	4"	4"	4"	5"	6"	6 1/2"
3/4" (19.05 mm)	4"	4"	5"	6 1/2"		
1" (25.4 mm)	4"	5"	6"	6 1/2"		
1 3/4" (44.45 mm)	4"	6 1/2"	11"	11"		
2" (50.8 mm)	4"	7"	11"	11"		



Direct Thermal Labels

Direct thermal labels are available in paper or synthetic formats. Paper offers an inexpensive way to print in a variety of general purpose applications, while synthetic offers more durable, long-lasting results with resistance to abrasion, moisture, and chemicals.

SIZE	QTY/ROLL	ROLLS/CASE
3" x 2"	2750	6
3" x 4"	1400	6
3" x 5"	1100	6
3.5" x 8"	750	4
4" x 2"	2750	4
4" x 3"	1800	4
4" x 4"	1400	4
4" x 6"	1000	4
4" x 6.5"	900	4

These are just some of the labels we have available. Ask your Account Manager for more details!

Thermal Transfer Labels

Thermal transfer technology utilizes a ribbon and matching label-stock material to transfer an image onto the label material. Available in perforated and non-perforated. White is standard but some sizes are available in colors.

SIZE	QTY/ROLL	ROLLS/CASE
2" x 1"	5100	8
2" x 1 - 2 up"	10200	4
2" x 1.5"	3500	8
2" x 1.5 - 2 up"	7000	4
2" x 2"	2750	8
2" x 3"	1800	8
3" x 2"	2750	6
3" x 3"	1800	6
3" x 4"	1400	6
3" x 5"	1100	6
3.5" x 8"	750	4
4" x 2"	2750	4
4" x 3"	2000	4
4" x 4"	1400	4
4" x 5"	2000	4
4" x 6"	1000	4
4.25" x 7"	900	4
5" x 3"	1800	4
5" x 4"	1500	4
6" x 4"	1500	4

Thermal and Direct Thermal Printers

Thermal printers are designed to print very high quality labels with or without bar codes and as few as one label at a time or very large batches of labels.

There are two general types of thermal printers: Direct Thermal and Thermal Transfer. Like conventional FAX machines, **direct thermal printers** image the paper directly, using no ribbon, while **thermal transfer printers** use a temperature sensitive inked ribbon that transfers ink to the paper or synthetic label material when heated.

Direct thermal printers use a thermal printhead that applies heat to a chemically treated paper that turns dark as a result of the heat thus creating lines, text and graphics. Direct thermal printing pro-

duces a tag or label that fades with age and will turn black if exposed to heat or strong sunlight. Many restaurant and grocery store receipts are direct thermal technology.

Thermal transfer printers use the same thermal printheads as direct thermal printers, but heat is applied to a ribbon which transfers the image to a substrate (label or tag) creating lines, text and graphics. There are more choices of face materials available with thermal transfer printing.

Labels also come in two main types: direct thermal and thermal transfer. A huge variety of specialty materials and adhesives are available to suit most applications.

Thermal Transfer Ribbons



DATAMAX

ITW Thermal Films

DATU
DCS & Labelling Worldwide

SONY

TEC



Thermal Transfer Ribbons

DESCRIPTION	SIZE
Wax	1.50" (38mm) x 1181' (360m)
Wax	1.57" (40mm) x 1476' (450m)
Wax	2.36" (60mm) x 984' (300m)
Wax	2.99" (76mm) x 1476' (450m)
Wax	3.00" (76mm) x 1345' (410m)
Wax	3.14" (80mm) x 984' (300m)
Wax	3.27" (83mm) x 1476' (450m)
Wax	3.54" (90mm) x 1476' (450m)
Wax	4.02" (102mm) x 689' (210m)
Wax	4.02" (102mm) x 1181' (360m)
Wax	4.02" (102mm) x 1476' (450m)
Wax	4.50" (114mm) x 1181' (360m)
Wax	5.12" (130mm) x 984' (300m)
Wax	6.02" (153mm) x 1476' (450m)
Wax	6.14" (156mm) x 1476' (450m)
Wax	6.50" (165mm) x 1476' (450m)
Wax	6.85" (174mm) x 1476' (450m)
Wax	8.66" (220mm) x 2461' (625m)
Resin	4.02" (102mm) x 1476' (450m)
Resin	4.33" (110mm) x 1181' (360m)

DESCRIPTION	SIZE
Wax/Resin	0.98" (25mm) x 1181' (360m)
Wax/Resin	1.58" (40mm) x 1181' (360m)
Wax/Resin	2.09" (53mm) x 1181' (360m)
Wax/Resin	2.36" (60mm) x 2953' (900m)
Wax/Resin	2.52" (64mm) x 1181' (360m)
Wax/Resin	2.99" (76mm) x 1969' (600m)
Wax/Resin	3.15" (80mm) x 984' (300m)
Wax/Resin	3.50" (89mm) x 1969' (600m)
Wax/Resin	4.02" (102mm) x 984' (300m)
Wax/Resin	4.02" (102mm) x 1345' (410m)
Wax/Resin	4.02" (102mm) x 1772' (540m)
Wax/Resin	4.17" (106 mm) x 1476' (450m)
Wax/Resin	4.17" (106mm) x 1969' (600m)
Wax/Resin	4.33" (110mm) x 1476' (450m)
Wax/Resin	4.33" (110mm) x 1772' (540m)
Wax/Resin	4.33" (110mm) x 2953' (900m)
Wax/Resin	4.49" (114mm) x 984' (300m)
Wax/Resin	5.12" (130mm) x 984' (300m)
Wax/Resin	5.12" (130mm) x 1476' (450m)
Wax/Resin	6.00" (154mm) x 2953' (900m)
Wax/Resin	6.50" (165mm) x 1345' (410m)
Wax/Resin	6.50" (165mm) x 1476' (450m)
Wax/Resin	6.69" (170mm) x 1772' (540m)
Wax/Resin	8.66" (220mm) x 984' (300m)
Wax/Resin	8.66" (220mm) x 2461' (625m)

Wax, Wax/Resin and Resin Thermal Transfer Ribbons

The ribbon acts as a buffer between the substrate and the printhead, extending the printhead life. For this reason, the ribbon should always be wider than the width of the tag or label.

Thermal transfer ribbons come in three main types:

- **Wax:** recommended for shipping labels, carton labeling and retail bags. Wax ribbons are for printing onto paper labels, where the life of the label can be years but must be kept dry and must not be abraded or subjected to certain chemicals or oil, which would melt the wax image.



- **Wax/Resin:** increased resin makes labels more smudge and smear-proof and should be used with synthetic and colored labels. Wax/resin ribbons produce a finer image on very smooth paper or coated paper labels. The printed image is much more durable than wax, but can still only stand slight contact with water.
- **Resin:** waterproof, grease, chemical and solvent resistant and are to be used with polyester and synthetic labels. Resin ribbons are formulated to print onto plastic labels such as polyester, polypropylene and vinyl. The ink is designed to slightly dissolve into or adhere to the plastic surface of the label and becomes extremely durable, depending on the plastic material and ribbon used.



Ink Jet Ink

Refill your ink jet printer system with top-quality inks that deliver sharp barcodes and text messages. Call your local Carlson Systems to request help with choosing the correct ink jet inks for your system and application needs.

High Resolution Inks for Bar Coding - These inks achieve excellent bar code readability while maintaining machine friendly reliability.

Large Character Ink Jet Ink - These inks have been designed to deliver optimum performance utilizing the finest dyes and raw materials all filtered to sub micron particle size to insure printer friendly prints. Inks for both porous and non-porous surfaces are available.

CIJ Continuous Ink Jet Small Character Printing - Variable data such as barcodes and traceability codes are printed onto products in industries including: automotive, food, beverage, electronic, consumer products, wire/cable, mailing systems and pharmaceuticals.

There are a number of inks available - listed below are the most popular items that we sell.

DESCRIPTION	COLOR	QUANTITY
Hi-Res Ink	Black	16.7oz
Porous	Black	1 Liter
Porous Ink - Bulk	Black	5 Gallon
Porous	Red	1 Liter
Nonporous	Black	1 Liter

Ink: Video Jet Series 2000

Ink Cartridge for Anser - Bulk

Ink Cartridge for Anser, Evolution 1 and Evolution SC

Ink Jet Hand Cleaner

Carlson Systems has inks and fluids available for the following systems:

Citronix	Marsh
Diagraph	Matthews
Domino	Squibb
Hitachi	and more!
Loveshaw	

Blank Labels

Laser and inkjet labels run smoothly through high speed laser printers, as well as popular ink jet printers, but are not compatible with thermal transfer devices.

Circle labels are ideal for product identification, price marking and promotional uses. Call your local Carlson Systems location for information on other styles and sizes available.

DESCRIPTION	SIZE	QUANTITY
Red Circle	1.5"	1000/roll
Blue Circle	1.5"	1000/roll
Blue Circle	2"	1000/roll
White Circle	2"	1000/roll
Yellow Circle	2"	1000/roll
Yellow Circle	2.5"	1000/roll
White Circle	3"	1000/roll
Brown Fanfold	2" x 8"	2500
Blue Fanfold	2" x 8"	2500
Green Fanfold	2" x 8"	2500
Orange Fanfold	2" x 8"	2500
Purple Fanfold	2" x 8"	2500
Yellow Fanfold	2" x 8"	2500
White Fanfold	2" x 8"	2500
White Perforated	4" x 1"	4400/roll
White Perforated	4" x 8"	750/roll

Shipping and Caution Labels

Fragile, Handle with Care

Caution, This Side Up

Documents Enclosed

This End Up

Glass

There are a number of different styles and sizes of Shipping and Caution Labels available. Please call or contact your Carlson Systems Account Manager for more information.