

Tapes



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Masking Tape

Probably the most popular and versatile tape in the world, masking tape can be used for paint masking, holding, light-duty work, splicing, bundling or packaging. Medium utility grade tape is used in professional painting applications, and is also good for brush, roller and spray paint applications. Premium grade tape is generally used when conformity and tensile strength are important.

DESCRIPTION/SIZE	CTN CT
Economy Grade	
¾" x 60 yd (18 mm x 55 m)	48
1" x 60 yd (24 mm x 55 m)	36
1½" x 60 yd (36 mm x 55 m)	24
2" x 60 yd (48 mm x 55 m)	24
3" x 60 yd (72 mm x 55 m)	16
Medium Utility Grade	
¾" x 60 yd (18 mm x 55 m)	48
1" x 60 yd (24 mm x 55 m)	36
1½" x 60 yd (36 mm x 55 m)	24
2" x 60 yd (48 mm x 55 m)	24
3" x 60 yd (72 mm x 55 m)	16
Premium Grade	
¾" x 60 yd (18 mm x 55 m)	48
1" x 60 yd (24 mm x 55 m)	36
1½" x 60 yd (36 mm x 55 m)	24
2" x 60 yd (48 mm x 55 m)	24
3" x 60 yd (72 mm x 55 m)	16

Please consult with your Carlson Systems Account Manager to find the correct tape for your application!

Local Stock

Carlson Systems locations normally stock the common consumables used by the machines we sell. In the case of unusual requirements, we will be pleased to stock those consumables you use and agree to purchase.

Double-Sided Tape

Double-sided tape features an extremely aggressive tack, and is ideal for many industrial uses such as mounting, adhering and bonding applications.

Medium utility grade is ideal for photograph mounting, carpet installation and textile manufacturing and has a heavy duty, double-coated, flatback with a natural rubber adhesive.

Premium grade is a double-coated, vinyl (PVC) film with an aggressive natural rubber adhesive and is ideal for mounting porous surfaces together. With a great initial tack it is perfect for sign positioning, mirror manufacturing, engravers, holding insulation on metal buildings, contractor and carpet mounting. All sizes are available in paper or vinyl back.

DESCRIPTION	CTN CT
Medium Utility Grade	
¾" x 36 yd (18 mm x 33 m)	48
1" x 36 yd (24 mm x 33 m)	36
2" x 36 yd (48 mm x 33 m)	24
Premium Grade	
¾" x 36 yd (18 mm x 33 m)	48
1" x 36 yd (24 mm x 33 m)	36
2" x 36 yd (48 mm x 33 m)	24

Sheathing Tape

Aggressive solvent and acrylic-based pressure sensitive adhesive, combined with the conformability and flexibility of polypropylene film, sheathing tape provides superior sealing, protective benefits and ease of handling. Use for permanent seaming and sealing of joints in foam insulation and other sheathing materials, to secure lap edges in house wraps and other vapor barriers, repair rips and tears in roll and batt insulation, construction films, and membranes. Eliminates drafts around window and door openings. Superior bonding at sub-zero or elevated temperatures. Resistant to mold growth and high humidity.

DESCRIPTION/SIZE	COLOR	CTN CT
2" x 55 yd, 3.5 mil (48 mm x 50 m)	Red	24
2" x 60 yd, 3.5 mil (48 mm x 55 m)	White	24

Carton Sealing Tapes and Dispensers



Shurtape



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Water Activated Gummed Tape

Available in a wide variety of sizes and product construction, reinforced water activated gummed tapes are designed to provide consistent performance in carton sealing applications where durability, extra strength and reliability are required. Extra strong fiberglass yarns are bonded between the high tensile strength sheets for an extra margin of strength. Water activated gummed tapes are also available non-reinforced and both types bond instantly to corrugated cartons and paper and the immediate destructive bond results in a tamper evident package.

DESCRIPTION/SIZE	CTN CT
Non-reinforced Medium Duty – Natural/White	
Natural 2½" x 600', with core (60 mm x 183 m)	12
Natural 3" x 600', with core (72 mm x 183 m)	10
Reinforced – Natural/White	
Natural 70mm x 115 m, coreless (375')	8
Natural 70mm x 138 m, coreless (450')	10
Natural 70mm x 183 m, coreless (600')	10
White 72mm x 138 m, with core (450')	10
Natural 72mm x 138 m, with core (450')	10
Natural 3" x 450', heavy duty	10

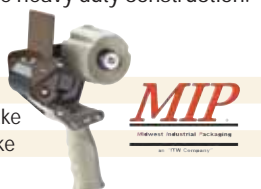
Many other sizes available in both Natural and White. Water Activated Tape machines are shown on page 14.

Hand Tape Dispensers

For pressure sensitive carton sealing tapes, our selection of hand tape dispensers includes models with a pistol grip and also models with a brake. All of them feature the same heavy duty construction.

DESCRIPTION

- 2" Hand Tape Dispenser with Brake
- 2" Heavy Duty Hand Tape Dispenser
- 3" Heavy Duty Hand Tape Dispenser with Brake
- 3" Hand Tape Dispenser with Adjustable Brake
- 3" Hand Tape Dispenser with Pistol Grip



Packaging Tape Guide: Hot Melt vs. Acrylic

Hot Melt	The most common adhesive in the U.S., hot melt provides excellent quick-grab and adhesion. It is economical and preferred for most light-duty situations. It is especially well suited for use with automated equipment.
Acrylic	Acrylic tapes exhibit good ultraviolet and exterior durability, excellent chemical resistance and a broad range of service temperatures.

Hot Melt Tape - Clear

Hot melt adhesive carton sealing tapes have superior adhesion properties and the widest range of applications available from tape.

General purpose grade is recommended for light duty packaging applications. Production grade is reliable in both manual or automated carton sealing applications, and is recommended for closure of medium weight cartons in normal manufacturing and shipping environments, holding and repair applications. Performance grade products are designed for demanding aerospace, automotive and industrial applications.

DESCRIPTION/SIZE	GRADE	MIL	CTN CT
2" x 55 yd (48 mm x 50 m)	Production	1.9 mil	36
2" x 110 yd (48 mm x 110 m)	General Purpose	1.6 mil	36
2" x 110 yd (48 mm x 110 m)	Production	1.85 mil	36
2" x 110 yd (48 mm x 110 m)	Production	1.9 mil	36
2" x 110 yd (48 mm x 110 m)	Performance	2.2 mil	36
2" x 110 yd (48 mm x 110 m)	Performance	2.5 mil	36
2" x 1000 yd (48 mm x 914 m)	General Purpose	1.6 mil	6
2" x 1000 yd (48 mm x 914 m)	Production	1.85 mil	6
2" x 1000 yd (48 mm x 914 m)	Production	1.9 mil	6
2" x 1500 yd (48 mm x 1371 m)	Production	1.85 mil	6
2" x 1500 yd (48 mm x 1371 m)	Production	1.9 mil	6
3" x 110 yd (72 mm x 110 m)	General Purpose	1.6 mil	24
3" x 110 yd (72 mm x 110 m)	Production	1.85 mil	24
3" x 110 yd (72 mm x 110 m)	Production	1.9 mil	24
3" x 110 yd (72 mm x 110 m)	Performance	2.2 mil	24
3" x 1000 yd (76.2 mm x 914.4 m)	General Purpose	1.6 mil	4
3" x 1000 yd (76.2 mm x 914.4 m)	Production	1.9 mil	4

Many other sizes available from 1.6 mil to 3 mil; 2", 2½" and 3"

Acrylic Carton Sealing Tape

For packaging subjected to normal shipping hazards, where a high level of sealing performance and clarity is required.

DESCRIPTION/SIZE	MIL	CTN CT
2" x 55 yd, Clear (48 mm x 50 m)	2 mil	36
2" x 110 yd, Clear (48 mm x 110 m)	1.6 mil	36
2" x 110 yd, Clear (48 mm x 110 m)	1.8 mil	36
2" x 110 yd, Clear (48 mm x 110 m)	2 mil	36
2" x 110 yd, Tan (48 mm x 110 m)	2 mil	36
2" x 1000 yd, Clear (48 mm x 914 m)	2 mil	6
3" x 110 yd, Clear (72 mm x 110 m)	2 mil	24
3" x 1000 yd, Clear (72 mm x 914 m)	2 mil	4

Many other sizes available from 1.6 mil to 3 mil; 2", 2½" and 3"

Tapes and Dispensers



Strapping Tape Dispenser

Use this tape dispenser with 1" or 2" strapping tape with a 3" core to reinforce boxes, bags or almost anything else. The lightweight, handheld dispenser features a hand brake that allows tension to be applied while reinforcing the package.



Filament Strapping Tape

Fiberglass reinforced filament tapes deliver superior adhesion for a variety of applications. Due to its fibers and polyester backing, PET tape does not stretch and is thus the ideal choice for carton sealing.

DESCRIPTION/SIZE	GRADE	CTN CT
3/8" x 60 yd, PET (9 mm x 55 m)	Economy	96
1/2" x 60 yd, PET (12 mm x 55 m)	Economy	72
3/4" x 60 yd, PET (18 mm x 55 m)	Economy	48
1" x 60 yd, PET (24 mm x 55 m)	Economy	36
2" x 60 yd, PET (48 mm x 55 m)	Economy	24
1/2" x 60 yd, PET (12 mm x 55 m)	Premium	72
3/4" x 60 yd, PET (18 mm x 55 m)	Premium	48
1" x 60 yd, PET (24 mm x 55 m)	Premium	36
2" x 60 yd, PET (48 mm x 55 m)	Premium	24

Most of our filament tapes are available in either white or natural colors; many other sizes and grades are also available to fit your application needs!

Tensilized Strapping Tape

Tensilized strapping tape, unlike filament tape, does not have reinforcing filaments in them. This allows them to stretch, and makes them a good choice for bundling or unitizing. BOPP tape, or Biaxially Oriented PolyPropylene backed filament tape is available in either white or natural.

DESCRIPTION/SIZE	GRADE	CTN CT
1/2" x 60 yd, BOPP (12 mm x 55 m)	Medium Utility	72
3/4" x 60 yd, BOPP (18 mm x 55 m)	Medium Utility	48
1" x 60 yd, BOPP (24 mm x 55 m)	Medium Utility	36
2" x 60 yd, BOPP (48 mm x 55 m)	Medium Utility	24

Cloth Duct Tape

We offer a full range of cloth tapes to satisfy even the most demanding applications and industry requirements. From utility grade to nuclear grade, all of our cloth tapes are made with high grade raw materials and are held to the highest quality standards.

DESCRIPTION/SIZE	COLOR	CTN CT
2" x 60 yd (48 mm x 55 m)	Silver	24
2" x 60 yd (48 mm x 55 m)	Red	24

There are many different grades, colors and sizes of cloth duct tapes available to fit your application needs!

Label Protection Tape

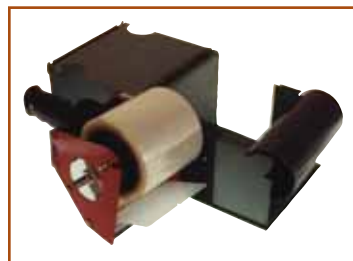
To keep your shipping information clean, legible and attractive, use the tough, clear and abrasion-resistant label protection tape. Attach labels and documents securely to paper, wood, metal and plastic.

DESCRIPTION/SIZE	COLOR	CTN CT
4" x 72 yd (96 mm x 66 m), 1.6 mil, Acrylic	Clear	18

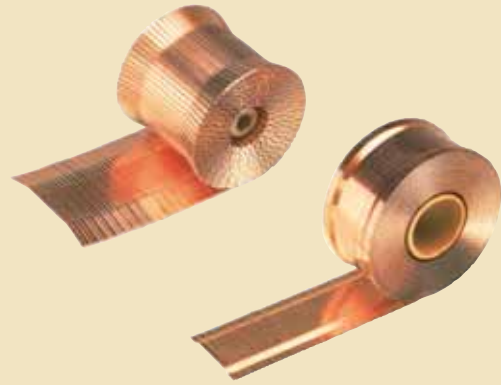
Hand Label Protection Tape Dispensers

For label protection tapes, our selection of dispensers includes both hand and table top. All feature the same heavy duty construction.

DESCRIPTION
4" Label Protection Tape Dispenser, Hand
4" Label Protection Tape Dispenser, Bench/Table Top



Special order printed tape is also available from Carlson Systems. Consult your Account Manager for ordering information.



Fastening Systems

Stitching Wire

Choose from a wide range of galvanized or copper wire sizes. For use in stitching machines from ISP, Bostitch and others.

DESCRIPTION/SIZE	GAUGE	ITEM CODE
Galvanized, 10# Coil	.020	103X020-10G-ISM
Galvanized, 25# Coil	.020	103X020-25G-ISM
Galvanized, 25# Coil	.023	103X023-25G-ISM
Galvanized, 25# Coil	.028	103X028-25G-ISM
Copper, 10# Coil	.020	103X020-10C-ISM
Copper, 25# Coil	.020	103X020-25C-ISM
Copper, 25# Coil	.023	103X023-25C-ISM
Copper, 25# Coil	.028	103X028-25C-ISM

Stitching Machines and Carton Staplers are shown on page 15.

Galvanized Plier Staples for Clinch Type and Long Reach Staplers

For use in long reach staplers from Bostitch, Josef Kihlberg, Senco and others, located on page 16 of this catalog.

DESCRIPTION/SIZE	GAUGE	CTN CT
1/2" Crown x 3/16" Leg	20	24000
1/2" Crown x 3/8" Leg	20	10000
1/2" Crown x 1/2" Leg	20	10000
7/16" Crown x 3/8" Leg	18	5000
7/16" Crown x 1/2" Leg	18	5000
7/16" Crown x 5/8" Leg	18	5000

Carton Closing Staples

Staples have many advantages over other carton closing methods like tape and glue, including superior strength and security. While a taped box can easily be sliced open and its contents pilfered, a stapled box is much tougher to open. For use in foot bottom box staplers, roll box staplers, air box staplers and hand box staplers from Bostitch, ISM, Josef Kihlberg and others. These staplers can be found on page 16.

Stick Staples

1 1/4" Crown x 5/8" Leg	2500	C58
1 1/4" Crown x 3/4" Leg	2000	C34
1 11/32" Crown x 5/8" Leg	2000	SW7437-58
1 11/32" Crown x 5/8" Leg	2500	SW9040-58
1 11/32" Crown x 3/4" Leg	2000	SW7437-34
1 11/32" Crown x 3/4" Leg	2000	SW9040-34
1 11/32" Crown x 7/8" Leg	2000	SW9040-78
1 3/8" Crown x 5/8" Leg	2500	A58
1 3/8" Crown x 3/4" Leg	2000	A34
1 3/8" Crown x 7/8" Leg	2000	A78

Roll Staples

1 1/4" Crown x 5/8" Leg	24000	GR158
1 1/4" Crown x 5/8" Leg	30000	GR558
1 1/4" Crown x 3/4" Leg	24000	GR134
1 1/4" Crown x 3/4" Leg	30000	GR534
1 11/32" Crown x 5/8" Leg	24000	SWC7437-58



Correct method for basic box stapling

- Crown width must be at least 1 1/4 inches
- Do not space staples more than 5 inches apart along both the center seam and the sides of the outside flaps of a regular slotted container but only where the outer flaps overlap the inner flaps.

Which staple is right for this application?

- 1/2 inch leg – 125 and 175 lb. test single wall
- 5/8 inch leg – most single wall corrugate
- 3/4 inch leg – most double wall corrugate
- 7/8 inch leg – heavy double and triple wall especially in manual applications where board "memory" is difficult to overcome