

# Machine Grade Stretch Film and Netting

## Has your company looked at right gauge recently?

Let your Carlson Systems Account Manager show you how to stretch your packaging dollars by utilizing the right gauge for your application!



## Machine Grade Stretch Film

### Cast Machine Film

Quiet, clear, high performance, excellent puncture. Good for A, B and C type loads, with good cling. Consult your Account Manager for the recommended maximum stretch for each type of film.

### Two-Sided Cling

FILM WIDTH	GAUGE	FEET/ROLL
20"	50	9000'
20"	60	7500'
30"	60	7500'
20"	70	6500'
30"	70	6500'
10"	80	6000'
20"	80	6000'
30"	80	6000'
20"	90	5000'
30"	90	5000'
20"	100	4500'
20"	115	3750'
30"	115	3750'

### One-Sided Cling

FILM WIDTH	GAUGE	FEET/ROLL
20"	50	9000'
20"	60	7500'
30"	60	7500'
20"	70	6500'
30"	70	6500'
10"	80	6000'
20"	80	6000'
30"	80	6000'
20"	90	5000'
30"	90	5000'
20"	100	4500'
20"	115	3750'
30"	115	3750'

### One-Sided Cling (Metric)

FILM WIDTH	GAUGE	FEET/ROLL
19.7"	55	8725'
19.7"	65	7385'
19.7"	70	6000'
29.5"	70	6000'
19.7"	75	6400'
19.7"	105	4250'

### One-Sided Cling (New Resin Technology)

Quiet, clear, excellent performance, excellent puncture. Excellent for A, B and C type loads, with excellent cling and very strong.

FILM WIDTH	GAUGE	FEET/ROLL
19.7"	51	7500'
20"	51	9000'
19.7"	57	6500'
19.7"	63	6000'
20"	63	7250'
29.5"	63	6000'
19.7"	71	5500'
19.7"	79	5000'
19.7"	87	4500'
29.5"	87	4500'
19.7"	98	3750'

### Cast Film Properties

- Consistent cling
- Excellent clarity and gauge control
- Glow
- More resistance to tearing
- Excellent optics
- Quiet unwind
- Consistent film thickness

### Blown Film Properties

- Tougher, greater puncture resistance
- High force on load; stiff
- Hazy and dull
- Excellent performance without pre-stretch and in cold temperatures
- Noisy unwind

## Σ Sigma Stretch® Film

### Blown Machine Film

Loud release, high performance, excellent puncture. Good for A, B and C type loads, with excellent cling. Consult your Account Manager for the recommended maximum stretch for each type of film.

### Two-Sided Cling

FILM WIDTH	GAUGE	FEET/ROLL
20"	70	6500'
20"	80	5000'
20"	80	6000'
30"	80	6000'
20"	90	5000'
20"	120	3750'

## Stretch Netting

Stretch netting secures pallet loads without stopping air flow, providing ventilation and keeping condensation from forming on loads. Perfect for the food industry.

Strong, disposable plastic netting is used for containment of small debris, especially during transporting. Call for more information.



Footage per roll varies by supplier. Ask your Carlson Systems Account Manager for more details.

# Hand Grade Stretch Film and Dispensers



Stretch film protects pallet loads from weather, theft, and improper strapping. It can also be used to protect furniture, machines, equipment – almost anything you can think of!

Stretch film is tough, puncture-resistant, clings to itself and it conforms to any shape. Hand stretch film can be used anywhere – on your production line, in your trucks, at your staging area or on your loading dock.

Contact your local Carlson Systems store for help in choosing the right film for your application.



Footage per roll varies by supplier.

## Hand Grade Stretch Film

### Cast Handwrap

Quiet, clear, good puncture and good cling. Four rolls per carton.

FILM WIDTH	GAUGE	FEET/ROLL
12"	60	2000'
18"	60	2000'
12"	70	1500'
15"	70	1500'
18"	70	1500'
15"	80	1500'
18"	80	1500'
18"	90	1500'

### Universal Cast Handwrap, Metric

Quiet, clear, good puncture, good cling. Four rolls per carton.

FILM WIDTH	GAUGE	FEET/ROLL
13.8"	51	1970'
16"	51	1970'
11"	65	1475'
13.8"	65	1475'
16"	65	1475'

### New Resin Technology Cast Handwrap

Quiet, clear, excellent puncture, excellent cling, very strong. Four rolls per carton.

FILM WIDTH	GAUGE	FEET/ROLL
16"	40	2000'
12.8"	47	1476'
16"	47	2000'
16"	47	1476'

### Prestretched Handwrap

Available packaged four rolls per carton or in bulk skids.

FILM WIDTH	FEET/ROLL	CTN CT
10.8"	2000'	4
12"	1500'	4
15"	1500'	4
15"	2000'	4
15.8"	1476'	4
18"	1500'	4
18"	6000'	4
18.5"	1500'	4

## Σ Sigma Stretch® Film

### Blown Handwrap

Loud release, excellent puncture and excellent cling. Four rolls per carton.

FILM WIDTH	GAUGE	FEET/ROLL
15"	60	2000'
18"	60	2000'
12"	70	1500'
15"	70	1500'
18"	70	1500'
15"	75	1500'
18"	75	1500'
12"	80	1500'
15"	80	1500'
18"	80	1500'
15"	90	1500'
18"	90	1500'
18"	120	1000'

### Super Micron Blown Handwrap

Clear, excellent puncture, excellent cling, very strong. Four rolls per carton.

FILM WIDTH	GAUGE	FEET/ROLL
12.8"	43	2000'
16"	43	2000'
12.8"	51	1500'
16"	51	1500'

Many other sizes of hand film are available. Ask your Account Manager for help choosing the right film for your application.

## Stretch Film Dispensers

Just slide a roll onto these handy stretch film dispensers and make the task of applying film a lot easier!

### DESCRIPTION

Hand Dispenser for Stretch Film, 12" to 18"

Manual Stretch Film Dispenser with Foam Grip, 12" to 20"

### ITEM CODE

100-12

MIP800A



Many other models are available!



*Preferred Film Converters, Inc.*

**StretchTape**

Many other sizes are available. Ask your Account Manager for details.

## Stretch Tape

Stretch Tape is the miracle stretch film that adheres only to itself, leaving no gooey residue or marred finishes. And it won't tear off the printed surface of a package, as sticky tape will. It's a money saver, too...just a fraction of the cost of strapping tape, twine or wire, plus the considerable savings in time and no damage to product.

Widely used in the industry for organizing parts and products for in-plant distribution, Stretch Tape eliminates boxes and trays. Choose from a wide variety of weights, widths and colors.

DESCRIPTION	GAUGE	SKID CT
2" x 1000'	60	24
2" x 1000'	80	24
3" x 1000'	80	18
5" x 1000'	80	12
3" x 1000'	90	18
5" x 1000'	90	12
2" x 700'	120	24
3" x 700'	120	18
3" x 700', With Handle	120	15
5" x 700'	120	12
3" x 650'	150	18

## Conversion Chart

Some of the products featured in this catalog, most notably strapping and film products, are listed using metric dimensions. Those items that are listed in metric are intended for use on metric machines or with metric products. This quick table will give you a guide on what the metric system is, and how to convert metric measurements to U.S. Standard.

The metric system of measurement was developed during the French Revolution and was first promoted in the U.S. by Thomas Jefferson. Its use was legalized in the U.S. in 1866. In 1902, proposed congressional legislation requiring the U.S. Government to use the metric system ex-

clusively was defeated by a single vote. All metric units of measurement are divisible by 10.

In U.S. Standard measurement, specification references that use a gauge number are followed by the decimal or fraction inch thickness, such as 22 gauge (0.034 inch). Metric specifications use the absolute mm thickness. Therefore, when converting from the metric measurements in this catalog to U.S. Standard, you will discover the resulting number is an odd size, such as the .034 inch example listed above.

Symbol	When You Know	Multiply by	To Find	Symbol	Symbol	When You Know	Multiply by	To Find	Symbol
mm	millimeters	0.04	inches	in	in	inches	2.5	centimeters	cm
cm	centimeters	0.4	inches	in	ft	feet	30	centimeters	cm
m	meters	3.3	feet	ft	yd	yards	0.9	meters	m
km	kilometers	1.1	yards	yd	mi	miles	1.6	kilometers	km
cm <sup>2</sup>	square centimeters	0.6	miles	mi	in <sup>2</sup>	square inches	6.5	square centimeters	cm <sup>2</sup>
m <sup>2</sup>	square meters	0.16	square inches	in <sup>2</sup>	ft <sup>2</sup>	square feet	0.09	square meters	m <sup>2</sup>
km <sup>2</sup>	square kilometers	1.2	square yards	yd <sup>2</sup>	yd <sup>2</sup>	square yards	0.8	square meters	m <sup>2</sup>
ha	hectares	0.4	square miles	m <sup>2</sup>	mi <sup>2</sup>	square miles	2.6	square kilometers	km <sup>2</sup>
g	grams	2.5	acres	ac	ac	acres	0.4	hectares	ha
kg	kilograms	0.035	ounces	oz	oz	ounces	28	grams	g
	metric ton	2.2	pounds	lb	lb	pounds	0.45	kilograms	kg
mL	milliliters	1.1	short tons			short tons	0.9	metric ton	t
L	liters	0.03	fluid ounces	fl oz	fl oz	fluid ounces	30	milliliters	mL
L	liters	2.1	pints	pt	pt	pints	0.47	liters	L
L	liters	1.06	quarts	qt	qt	quarts	0.95	liters	L
L	liters	0.26	gallons	gal	gal	gallons	3.8	liters	L
m <sup>3</sup>	cubic meters	35	cubic feet	ft <sup>3</sup>	ft <sup>3</sup>	cubic feet	0.03	cubic meters	m <sup>3</sup>
m <sup>3</sup>	cubic meters	1.3	cubic yards	yd <sup>3</sup>	yd <sup>3</sup>	cubic yards	0.76	cubic meters	m <sup>3</sup>
°C	degrees Celsius	5/9, add 32	degrees Fahrenheit	°F	°F	degrees Fahrenheit	F - 32 x 5/9	degrees Celsius	°C
μ	micron	3.937	gauge	ga	ga	gauge	0.254	micron	μ