



# BASIC STRETCH FILM INFORMATION

## Cast Film

Manufactured for Hand & Machine application.

Advantages:

- Quiet
- Clear
- Easier to wrap pallet
- More selection of gauges, widths, and lengths

## Blown Film

Manufactured for Hand & Machine application.

Advantages:

- Better for "C" type pallet wrapping

Disadvantages:

- Noisy
- Harder to pull off roll
- Milky color
- Limited availability

## Conventional Film

Manufactured for Hand, Banding, and Machine Films.

Advantages:

- Availability - more choices in thicknesses, lengths, widths, and colors

## Engineered Film

Fairly new manufacturing technique of cross-linking multiple layers of film. Thinner films that are stronger and stiffer to replace higher gauge films.

Advantages:

- Micron films - Measurement for thickness of film. See Conversion Chart.
- Gauge films - Measurement for thickness of film. See Conversion Chart.

## Extended Core Hand Wrap Film

Stretch film applied by hand. Core size 1.5" extend to 4" beyond width of film. Available in 12 Micron, 80 and 120 gauges. Visit our website. Film width: 20".

## Banding Films

Stretch film used for bundling. Normally available in 3" and 5" widths. 12 Micron, 80 gauge and 120 gauge. Visit our website.

## Machine Films

Stretch film applied with semi-automatic or automatic machines. 20" and 30" widths available. Visit our website. Custom widths, lengths, and gauges available.

## Conversion Chart

10.2 Micron = 40 gauge	25.4 Micron = 100 gauge
11.5 Micron = 45 gauge	29.2 Micron = 115 gauge
12.0 Micron = 47 gauge	
13.0 Micron = 51 gauge	Micron = Gauge x 0.254
14.0 Micron = 55 gauge	Gauge = Micron ÷ 0.254
15.2 Micron = 60 gauge	Meter = Feet ÷ 3.28
16.5 Micron = 65 gauge	Feet = Meter x 3.28
17.0 Micron = 67 gauge	Meter = Yards ÷ 1.0937
17.8 Micron = 70 gauge	Yards = Meter x 1.0937
19.0 Micron = 75 gauge	Meter = 39.37 inches
20.3 Micron = 80 gauge	Inches = mm ÷ 25.4
22.9 Micron = 90 gauge	

## Formula

Stretch Film Case Weight =

$(\text{Width} \times \text{Length} \times \text{Gauge} \times \text{Number of Rolls in Case}) \div 250,000$

Example:  $(18" \times 1500' \times 80 \text{ gauge} \times 4) \div 250,000 = 34.56 \text{ lbs.}$

**NOTE:** Case weight is film weight only.

Cores and Boxes not included in weight on posted box.

Contact Qspac today for details at (877) 407-7722 or visit [Qspac.com](http://Qspac.com)