



G

One Film Unlimited Applications

Ranpac G is the workhorse in our family of PVC shrink films. It's excellent optical properties, great machinability, and superior seal, tear and stretch strength make Ranpac G the standard by which other industry films are measured. Ranpac G is available singlewound or centerfolded as well as microperforated for increased air flow.

Film Highlights:

- **Use:** General purpose film great for irregular shaped objects and heavy products. Ranpac G is available in a range of balanced and preferential shrink ratios (see below).
- **Appearance:** Unparalleled clarity, gloss and sparkle place Ranpac G on level all its own.
- **Strength:** Extremely tough seal strength and puncture resistance make this film the choice for many leading manufacturers.
- **Machinability:** From automatic equipment to in-store manual applications, Ranpac G is engineered to perform trouble free under any circumstance.
- **Applications:** Business forms, boxes, picture frames, toys, CD/DVD's, greeting cards, notepads, multi-packs as well delicate paper products such as envelopes, stickers, magazines and more.

Available Shrink Ratios:

Balanced Orientation Films

- Ranpac G11MD 10% - TD 10% extra low shrink force for packaging the most delicate and flexible products.
- Ranpac G22 MD 20% - TD 20% low shrink force.
- Ranpac G33 MD 30% - TD 30% medium-low shrink force.
- Ranpac G44 MD 40% - TD 40% medium shrink force for most general purpose applications.
- Ranpac G55 MD 50% - TD 50% high shrink force.

Preferential Orientation Films

- Ranpac G23 MD 20% - TD 30% low shrink preferential orientation for non-symmetrical products requiring delicate packaging.
- Ranpac G52 MD 50% - TD 20% medium shrink preferential orientation for most non-symmetrical applications.
- Ranpac G61 MD 60% - TD 10% high shrink preferential orientation for elongated products such as rolls of gift paper and tape.

Technical Specifications

PROPERTIES: (Mechanical, Thermal and Machinability).			
Tensile Strength kg/cm ² :	620-970	Shrinkage Stress kg/cm ² :	8.5-18.5
Elongation %:	100-250	Sealing Strength g/cm:	600-1500
Internal Tear Resistance g:	6-14	Sealing Temperature °F:	250/320
Limit of Elasticity kg/cm ² :	5600-8158	Sealing Temperature °C:	120/160
Impact Strength:	240-380	Slip Coefficient:	<0.3

GAUGE	50	60	75	100	125	150
Yield: sq. In./lb	40,600	35,700	28,800	22,300	17,500	15,300
Weight: lbs. per in. width	1.69	1.67	1.65	1.65	1.65	1.65
Roll Length Flat: feet	6000	5000	4000	3000	2400	2000
Roll Length CF: feet	3000	2500	2000	1500	1200	1000

Other Services:



In-House Printing: Darnel offers full service printing capabilities with in house designers and print experienced. Our presses can run up to 6 color flexographic printing. By being a one stop shop, Darnel ensures that both the quality of its films and printing conform to the customers exact requirements. Our quick turnaround times and low minimums make this a great packaging alternative for any size end user.



Tech support and Consulting Services: Our expert technical staff is available to support distributors and end-users in testing and product qualification. From general concept development to assistance in choosing the right film, our experienced sales staff is available to assist you.

