

VANGUARD SHRINK FILMS

RG

*High performance
crosslinked shrink film*

Vanguard RG (RhinoGuard) is an advanced biaxially oriented high clarity, exceptionally strong, crosslinked polyolefin shrink film. RG is formulated for the most demanding applications. It is designed to reduce packaging waste by eliminating corrugated box material. RG's high shrink percentage provides excellent package containment and its high clarity allows for viewing of the product inside.

**VANGUARD
SHRINK FILMS**
www.vanguardshrinkfilms.com

**FOR YOUR TOUGHEST
APPLICATIONS**

Vanguard Shrink Films, Inc.
9970 Lakeview Avenue
Lenexa, KS 66219

Phone: 913-599-1111
Fax: 913-599-0096
Toll free: 800-772-1187
www.vanguardshrinkfilms.com



RG Highlights:



- ◆ Excellent clarity allows for viewing of the product inside
- ◆ Strong durable seals on a wide variety of sealing systems
- ◆ High tensile strength and tear resistance for added toughness
- ◆ Consistent machineability on semi-automatic and automatic wrappers
- ◆ High shrink percentage allows film to conform tightly to irregular shapes
- ◆ High shrink force for good product containment
- ◆ More economical than corrugated boxes
- ◆ Reduced storage space for packaging materials

Typical Properties	ASTM Test Method	RG
Minimum use temperature (deg F)		-40
Haze (%)	D1003	4.8
Gloss (%)	D2457	85
Tensile strength (psi)	D882	18,200
Elongation at break (%)	D882	145
Coefficient of friction (film to film:kinetic)	D1894	.25
WVTR (gms/100si/24hrs)	F1249	.6
OTR (cc/M2/24hrs)	D3985	240
Unrestrained shrink (%) @ 260°F	D2732	68
Shrink force @ 250°F (psi)	D2838	610