

# Rainbow Holografik™ Film

60 ga



**Refract Excellence.** Rainbow Holografik™ Film is an adhesive-free print web film designed to give prime labels and flexible packaging a stunning, spectral holographic finish. The gloss finish of this film is manufactured with an embedded holographic pattern that contains no visible shims or repeats. Converters can use this film to give labels, stand-up pouches, sachets, and many other packaging formats an eye-catching effect that changes colors in the consumer's hand as their perspective shifts.

Made of durable polyester (PET), Rainbow Holografik Film measures 60 gauge thick and is ideal for high-heat processing. The colorful effect of its holographic pattern makes it ideal for cannabis, spirits, and health and beauty markets. Because this film includes no adhesive layer, prime label converters must utilize wet lamination with UV or LED curing technology. It is compatible with solventless, solvent-based, and water-based lamination and surface printing.

## KEY FEATURES

- Stunning, Prismatic Holographic Effect
- No Visible Repeats in the Pattern
- Durable PET Construction
- Accepts Surface Printing
- Solventless/Solvent-Based Lamination

## PRINTING METHODS

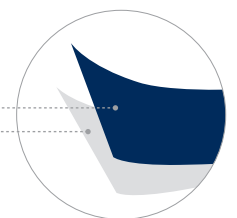
- Digital
- Flexographic
- UV

## SUGGESTED PACKAGING FORMATS

- Flow Wrappers
- Pillow Bags
- Prime Labels
- Sachets
- Stand-Up Pouches
- Square-Bottom Bags
- Stick Packs
- Three-Sided Sealed Bags

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UV Printable Layer  
Polyester Core with Hologram



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Properties	Description	Units	Value	Tolerance	Test Method / Standard
Film Type	-	-	Polyester (PET)	-	-
Thickness	-	ga	60	± 10%	-
		mil	0.60		
		µm	15		
Weight	-	g/m <sup>2</sup>	21	± 10%	-
Yield	-	in <sup>2</sup> /lb m <sup>2</sup> /kg	34,000 48.36	± 10%	DIN 53375
Haze	-	%	3	≤ 4	ASTM D1003
Gloss Level at 45°	-	Gloss Units	168	± 10%	ASTM D2457
Surface Energy	High Energy	Dyne	42	± 10%	ASTM D2578
	Low Energy		38		
Coefficient of Friction	-	Dynamic	0.43	± 10%	ASTM D1894
Tensile Strength	MD	PSI	32,053	± 10%	ASTM D882
	TD		36,114		
Elongation at Break	MD	%	173	± 10%	ASTM D882
	TD		147		
Thermal Shrinkage	MD	%	1.11	≤ 1.7	ASTM D2732
	TD		0.05	≤ 0.3	

MD = Machine Direction  
TD = Transverse Direction

## STANDARD SIZES - UF1001

Part Number	Description	Width	Length
UF1001.3.0800.06000	Rainbow Holografik™ Film	8"	6,000'
UF1001.3.1000.06000	Rainbow Holografik™ Film	10"	6,000'
UF1001.3.1300.06000	Rainbow Holografik™ Film	13"	6,000'
UF1001.3.1500.06000	Rainbow Holografik™ Film	15"	6,000'

Core Size: 3" | Wind Direction: Apply Adhesive In

Sample rolls available upon request. Custom slitting services are available to accommodate widths outside standard sizes in lengths of 6,000', 20,000' and 30,000'. A 10% surcharge will be applied, and lead time for order fulfillment may be delayed.

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