

### Description

SLF3037 is a one side silicone coated film with moderate haze. Along with high strength, flexibility, and chemical resistance, this product provides excellent slip and good dimensional stability over a wide temperature range.

### Performance

The silicone coating on SLF3037 is specially treated prior to winding. This special treatment minimizes back-side transfer of the silicone, which may affect the adhesion. Because the silicone is highly cured, there will be essentially no migration of the silicone to any adhesive which may be in contact with the film.

### FDA Status for SLF3037

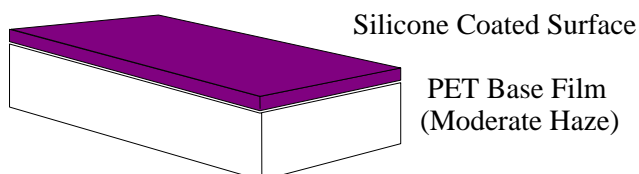
Both sides of SLF3037 can be used for direct food contact applications subject to limitations found in 21 CFR 177.1630 and in accordance with good manufacturing practices. For more information, contact your Stratra-Tac Sales Representative.

### Product Safety Information

**WARNING:**

Silicone coated film is very slippery. Do not discard scrap film on the floor. Injury may result if stepped on.

### Schematic of SLF3037



### Benefits

- Minimum silicone rub-off
- Provides very consistent release level with aging
- Excellent handling characteristics
- Clear distortion free coating
- Ultra thin, highly cured coating which does not smear
- Better than 95% subsequent adhesion
- No Static induced defects (Newton Rings)

## Typical Properties of SLF3037

The SLF3037 property values below are typical measurements. Further guidance on series selection, functional behavior by end use, film processing, standard roll configuration and gauges is available through a Strata-Tac Sales Representative.

Property		Unit of Measure	Typical Value	Test Method	
Area Yield		in <sup>2</sup> •mil/lb m <sup>2</sup> •mm/kg	19,800 717	ASTM D 4321	
Tensile Strength	MD	psi kg/cm <sup>2</sup>	32,000 2,250	ASTM D 882	
Yield Strength (F5)	MD	psi kg/cm <sup>2</sup>	15,000 1,050	ASTM D 882	
Ultimate Elongation	MD	%	100	ASTM D 882	
Modulus	MD	psi kg/cm <sup>2</sup>	600,000 42,200	ASTM D 882	
Coefficient of Friction A/B	Kinetic	-	0.25	ASTM D 1894	
Shrinkage	MD TD	%	1.5 0.4	30 min. at 150°C	
Density		g/cm <sup>3</sup>	1.395	ASTM D 1505	
Total Haze*		%	106 gauge 118 142	6.2% 6.8% 7.6%	ASTM D-1003

### SILICONE FUNCTIONALITY

Release From Silicone Side	g/in	<8	T-peel from Laminate
Release From Polyester Side		>300	@ 12 in./min

\* Values for reference data only. Contact a Strata-Tac Sales Representative for actual gauges available.

Approved KM 12/08



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