




SG00 (300ga)

Product Information

● Product Description

Skyrol® SG00 is a slightly rough-surfaced and hazy polyester film to enhance handling and runnability. SG00 film is available in a wide range of thickness from 60ga up to 1000ga and is extensively used for drafting, release sheet, lamination, protection, collar stay, dust cap and general purpose applications.

SG00 film is FDA approved for direct food contact in compliance with FDA 21 CFR 177.1630 (f,g,h).

SG00 is a PET film, and is recyclable under the code . This statement may not apply once the film has been modified.

● Typical Properties

Property	Unit	Value	Test Method
General			
Nominal Thickness	(Gauge) µm	300 (75)	SKC Method
Mechanical			
Tensile Strength	psi MD (Kg/mm ²) TD	27,000 (19) 33,000 (23)	ASTM D 882
Elongation At Break	% MD TD	225 140	ASTM D 882
Surface			
Coefficient of Friction	µk (Kinetic) µs (Static)	0.31 0.37	ASTM D1894
Surface Tension	Dyne	45	ASTM D 2578
Optical			
Haze	%	8.0	ASTM D 1003
Light Transmission	%	688.6	ASTM D 1003
Gloss		155.0	ASTM D 523
Thermal			
Heat Shrinkage	% MD TD	2.1 0.7	SKC Method (190°C×20 min.)

Unit Correlation : N/mm² = Kg/mm² × 9.8
Kg/mm² = psi / 1422.3

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This Information is the best currently available on the subject. The results should, however, only be regarded as a general guide to material properties and not as a guarantee. Some of the properties can be changed as a result of supplier's efforts to improve the quality or production efficiency of the subject. Note: Please read the Material Safety Data Sheet(MSDS) carefully prior to use.