

WhiteOptics® White 98 Thermoformed Film

Part Code: F16T-98

Descriptor: Diffuse reflectance film optimized for thermoforming

Options: Available on a roll or as thermoformed parts

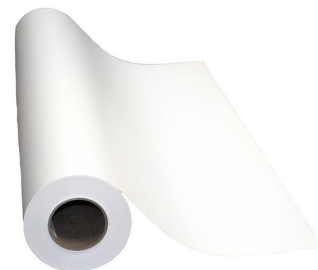
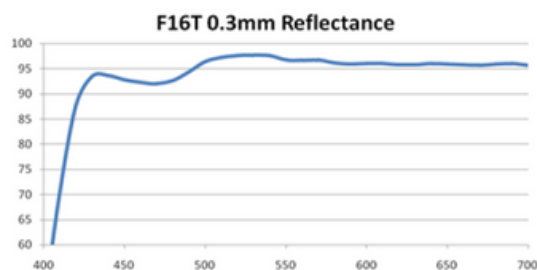
- **Thermal Stability:** 2000 hours @ 100°C, less than 0.5% reflectance change
- **Humidity Stability:** 1000 hours @ 60°C, 95%RH, less than 0.5% reflectance change
- **Dirt Depreciation:** Antistatic, does not attract dust
- **Abrasion Resistance:** 500 cycles Taber test, less than 0.5% reflectance change
- **Chemical Resistance:** Compatible with most common cleaning solutions including soapy water, dilute bleach, ammonia, dilute alcohol

Optical

Properties	Value	Method
Reflectance at 550nm	96.7%	ASTM E1164
L* value	98.6	ASTM E308
a value	-0.74	ASTM E308
b value	2.8	ASTM E308
Gloss (60 degree)	2.5%	ASTM D2457

Mechanical/Thermal

Properties	Value	Method
Thickness (microns)	300	Ono Sokki EG225
Tensile Strength (MPa)	57	ASTM D638
H.D.T(°C@0.45MP/@1.8MP)	131/120	ASTM D648
Heat Shrinkage (%@100oC, 30mins)	0.4	ASTM 2732



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