



CFB5100 – “Antistatic Nylon”

Specification Sheet

CFB5100 is a product that can be cleaned to the most stringent specifications, due to its hard surface. It is a strong, abrasion resistant film that is used in a variety of clean applications. Nylon is an unplasticized film that offers the lowest levels of particulate counts of any clean film. Additionally, it is very low in ionic contamination and non-volatile residue.

Material	Anti-static Nylon Type 6 -Orange
Available As:	Lay-flat tubing, C-fold Sheeting & Bags
Clarity:	Transparent
Thickness:	Typically .002

	Value	Specification
Density (Specific Gravity)	1.14	ASTM D792
Tensile Strength	15,400 PSI	ASTM D882
Elongation %	403-455	ASTM D882
Tear, Graves (grams/mil)	130 Grams	ASTM D 1004
Coefficient of Friction		
Film-Film Side A-B Kinetic	.38	ASTM D1894
Film-Metal Kinetic	.26	ASTM D1894
Surface Resistivity	1×10^{12} Ohms/sq.@100v	ASTM D257
MVTR	3.3 gm/100 sq. in /24 hrs. @ 75F	ASTM E96
OTR	500 cc/100 sq. in /24 hrs. 75F	ASTM D1434
Cleanliness	Level 100	IEST-CC1246D NASA JPG 5322.1

Note: All values given are based on a 2.0 mil thick film