



## D5-FILM50-1-Clear

D5-FILM50-1-Clear is a coextruded film that combines superior tensile strength and high dart impact resistance with non-scratch characteristics, making it ideal for applications requiring scratch and/or abrasion-resistant properties while also offering source reduction through downgrading due to its exceptional strength. Suitable for applications in environments with temperatures up to 180° F. D5-FILM50-1-Clear uses an antiblock-free formulation, and is FDA approved.

**Applications** Industrial usage including protective packaging, scratch & abrasion-resistant wrapping, and furniture covering

### Specifications:

Properties	Units		1.5 mil	3.5 mil	5.5 mil
O2TR	cc/100 sq. in. – day - atm		325	125	75
WVTR	g/100 sq. in. – day - atm		0.66	0.27	0.18
Dart	grams		800	1300	2000
Secant	psia	MD	23,000	26,000	27,000
Modulus	psia	TD	25,000	26,000	27,000
Tensile (at Break)	psia	MD	7,200	7,300	6,700
	%		600	690	700
	psia	TD	7,500	7,300	7,300
	%		700	710	740
Tear	grams	MD	630	1,430	2,580
	grams	TD	820	1,810	2,820

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