



## D5-FILM01

## AF 0100

AF-0100 is Advanced Poly's most popular film. Extruded in-house at Advanced Poly's production facility in Akron, Ohio, this film can be tailored for the customer's application as Industrial, FDA or Medical (non-sterile), depending on the level of reprocessed content. For strictly Industrial as a "Green" film, the repro content can be up to 100%. As a medical grade film, Advanced Poly offers virgin grade materials. No matter the application, this film offers outstanding strength with test results far exceeding typical low-density blends. In many cases, the results are double the elongation and dart impact of comparable film and film thicknesses. This offers customer the ability of down-gauging while achieving required product protection.

***The D5-FILM01 is available in grades suitable for Industrial, FDA, and Medical applications, and is available as clear or printed film:***

APP P/N:	D5-FILM01-1-Clear
Application:	Industrial, FDA, Medical
Color:	Clear

APP P/N:	D5-FILM01-1-Clear-PRT
Application:	Industrial, FDA, Medical
Color:	Clear Printed

APP P/N:	D5-FILM01-2- Clear
Application:	Industrial, FDA
Color:	Clear

APP P/N:	D5-FILM01-2-Clear-PRT
Application:	Industrial, FDA
Color:	Clear Printed

APP P/N:	D5-FILM01-3-Clear
Application:	Industrial
Color:	Clear

APP P/N:	D5-FILM01-3-Clear-PRT
Application:	Industrial
Color:	Clear Printed

APP P/N:	D5-FILM01-4-Clear
Application:	Industrial
Color:	Clear

APP P/N:	D5-FILM01-4-Clear-PRT
Application:	Industrial
Color:	Clear Printed



**Applications:** Hardware / industrial components, medical, dental, foods, printed bags. Available treated for flexo printing, thermal, hot stamp, or label application.

**Specifications:**

Properties	Typical Values			
	1.5 mil	2.0 mil	3.0 mil	4.0 mil
Haze (%)	9.4	12.5	16.6	18.8
Gloss at 45°	64	58	50	47
Dart Impact (g/mil)	45	69	49	56
Ky Puncture (g/mil)	14	22	27	19
Utility Tensile Strength (MPa)	31	34	32	30
Elmendorf Tear Strength (g/mil)	430	370	340	285
Elongation (%)	1,100	1,100	1,290	1,330

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