May 2018   Version 1

D5-FILM06   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-FILM06 is available in grades suitable for Industrial, FDA, and Medical applications, and is available in 8 tinted colors, with or without printing.

Grade 1:

APP P/N:	D5-FILM06-1-Blue
Application:	Industrial, FDA, Medical
Color:	Blue

APP P/N:	D5-FILM06-1-Blue-PRT
Application:	Industrial, FDA, Medical
Color:	Blue Printed

APP P/N:	D5-FILM06-1-Green
Application:	Industrial, FDA, Medical
Color:	Green

APP P/N:	D5-FILM06-1-Green-PRT
Application:	Industrial, FDA, Medical
Color:	Green Printed

APP P/N:	D5-FILM06-1-Grey
Application:	Industrial, FDA, Medical
Color:	Grey

APP P/N:	D5-FILM06-1-Grey-PRT
Application:	Industrial, FDA, Medical
Color:	Grey Printed

APP P/N:	D5-FILM06-1-Orange
Application:	Industrial, FDA, Medical
Color:	Orange

APP P/N:	D5-FILM06-1-Orange-PRT
Application:	Industrial, FDA, Medical
Color:	Orange Printed

APP P/N:	D5-FILM06-1-Pink
Application:	Industrial, FDA, Medical
Color:	Pink

APP P/N:	D5-FILM06-1-Pink-PRT
Application:	Industrial, FDA, Medical
Color:	Pink Printed

APP P/N:	D5-FILM06-1-Purple
Application:	Industrial, FDA, Medical
Color:	Purple

APP P/N:	D5-FILM06-1-Purple-PRT
Application:	Industrial, FDA, Medical
Color:	Purple Printed

APP P/N:	D5-FILM06-1-Red
Application:	Industrial, FDA, Medical
Color:	Red

APP P/N:	D5-FILM06-1-Red-PRT
Application:	Industrial, FDA, Medical
Color:	Red Printed

APP P/N:	D5-FILM06-1-Yellow
Application:	Industrial, FDA, Medical
Color:	Yellow

APP P/N:	D5-FILM06-1-Yellow-PRT
Application:	Industrial, FDA, Medical
Color:	Yellow Printed

Grade 2:

APP P/N:	D5-FILM06-2-Blue
Application:	Industrial, FDA, Medical
Color:	Blue

APP P/N:	D5-FILM06-2-Blue-PRT
Application:	Industrial, FDA, Medical
Color:	Blue Printed

APP P/N:	D5-FILM06-2-Green
Application:	Industrial, FDA, Medical
Color:	Green

APP P/N:	D5-FILM06-2-Green-PRT
Application:	Industrial, FDA, Medical
Color:	Green Printed

APP P/N:	D5-FILM06-2-Grey
Application:	Industrial, FDA, Medical
Color:	Grey

APP P/N:	D5-FILM06-2-Grey-PRT
Application:	Industrial, FDA, Medical
Color:	Grey Printed

APP P/N:	D5-FILM06-2-Orange
Application:	Industrial, FDA, Medical
Color:	Orange

APP P/N:	D5-FILM06-2-Orange-PRT
Application:	Industrial, FDA, Medical
Color:	Orange Printed

APP P/N:	D5-FILM06-2-Pink
Application:	Industrial, FDA, Medical
Color:	Pink

APP P/N:	D5-FILM06-2-Pink-PRT
Application:	Industrial, FDA, Medical
Color:	Pink Printed

APP P/N:	D5-FILM06-2-Purple
Application:	Industrial, FDA, Medical
Color:	Purple

APP P/N:	D5-FILM06-2-Purple-PRT
Application:	Industrial, FDA, Medical
Color:	Purple Printed

APP P/N:	D5-FILM06-2-Red
Application:	Industrial, FDA, Medical
Color:	Red

APP P/N:	D5-FILM06-2-Red-PRT
Application:	Industrial, FDA, Medical
Color:	Red Printed

APP P/N:	D5-FILM06-2-Yellow
Application:	Industrial, FDA, Medical
Color:	Yellow

APP P/N:	D5-FILM06-2-Yellow-PRT
Application:	Industrial, FDA, Medical
Color:	Yellow Printed

Grade 3:

APP P/N:	D5-FILM06-3-Blue
Application:	Industrial, FDA, Medical
Color:	Blue

APP P/N:	D5-FILM06-3-Blue-PRT
Application:	Industrial, FDA, Medical
Color:	Blue Printed

APP P/N:	D5-FILM06-3-Green
Application:	Industrial, FDA, Medical
Color:	Green

APP P/N:	D5-FILM06-3-Green-PRT
Application:	Industrial, FDA, Medical
Color:	Green Printed

APP P/N:	D5-FILM06-3-Grey
Application:	Industrial, FDA, Medical
Color:	Grey

APP P/N:	D5-FILM06-3-Grey-PRT
Application:	Industrial, FDA, Medical
Color:	Grey Printed

APP P/N:	D5-FILM06-3-Orange
Application:	Industrial, FDA, Medical
Color:	Orange

APP P/N:	D5-FILM06-3-Orange-PRT
Application:	Industrial, FDA, Medical
Color:	Orange Printed

APP P/N:	D5-FILM06-3-Pink
Application:	Industrial, FDA, Medical
Color:	Pink

APP P/N:	D5-FILM06-3-Pink-PRT
Application:	Industrial, FDA, Medical
Color:	Pink Printed

APP P/N:	D5-FILM06-3-Purple
Application:	Industrial, FDA, Medical
Color:	Purple

APP P/N:	D5-FILM06-3-Purple-PRT
Application:	Industrial, FDA, Medical
Color:	Purple Printed

APP P/N:	D5-FILM06-3-Red
Application:	Industrial, FDA, Medical
Color:	Red

APP P/N:	D5-FILM06-3-Red-PRT
Application:	Industrial, FDA, Medical
Color:	Red Printed

APP P/N:	D5-FILM06-3-Yellow
Application:	Industrial, FDA, Medical
Color:	Yellow

APP P/N:	D5-FILM06-3-Yellow-PRT
Application:	Industrial, FDA, Medical
Color:	Yellow 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

Available Tinted Colors:

D5-FILM06-1-Blue	D5-FILM06-1-Pink	D5-FILM06-1-Green	D5-FILM06-1-Purple
D5-FILM06-1-Orange	D5-FILM06-1-Yellow	D5-FILM06-1-Red	D5-FILM06-1-Grey

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Advanced Poly-Packaging, Inc.