

FLXTITE AP-6 POLYOLEFIN SHRINK FILM SPECIFICATIONS

TYPICAL PROPERTIES	UNITS	VALUE	VALUE	VALUE	ASTM TEST
FLXTITE AP-6: A lower temperature and fast sealing polyolefin shrink film, with quick shrink initiation properties. High elongation and tensile strength properties provide exceptional toughness, while its high shrink percentage ensures excellent product conformity. It is the ideal polyolefin shrink film for one-step machines (Dibipack, Minipack, etc.), as well as for high speed applications.					
GAUGE		60	75	100	
DENSITY	gm/cc	0.9	0.9	0.9	D-1505
YIELD	sq.in./lb	52,000	41,000	31,000	
ROLL WEIGHT	lbs./in.	2.1	2.1	2.1	
HAZE	%	2.0	2.4	2.8	D-1003
GLOSS, % @ 60 DEGREES	%	118	115	114	D-2457
COEFFICIENT OF FRICTION	film/film	0.24	0.23	0.23	D-1894
SHRINK AIR TEMPERATURE	farenheit	210 degrees			
FREE SHRINK @250 F	%	MD TD	MD TD	MD TD	D-2732
		60 61	59 60.5	59 60	
MODULUS OF ELASTICITY	kpsi	MD TD	MD TD	MD TD	D-882B
		80 90	70 80	70 80	
TENSILE STRENGTH	kpsi	MD TD	MD TD	MD TD	D-882B
		12.5 12.8	12 12.5	11 11	
ELONGATION AT BREAK	%	MD TD	MD TD	MD TD	D-884
		105 100	110 100	120 110	
TEAR PROPAGATION	grams	23.0	36.0	45.0	D-1922
WATER VAPOR TRANSMISSION RATE	g/m ² /24hr	2.9	2.4	2	E-96
OXYGEN TRANSMISSION RATE	g/m ² /24hr	720	680	520	D-3985
C02	g/m ² /24hr	1520	1400	1320	D-1434
MINIMUM USE TEMPERATURE	farenheit	minus 40 degrees			
MAXIMUM STORAGE TEMPERATURE	farenheit	85 degrees			
SINGLEWOUND ROLL LENGTHS	feet per roll	8,750	7,000	5,250	
CENTERFOLD ROLL LENGTHS	feet per roll	4,375	3,500	2,625	
AVAILABILITY					
SINGLEWOUND ROLL WIDTHS	inches	from 10 to 60			
CENTERFOLD ROLL WIDTHS	inches	from 6 to 32			
NOTE: AP-6 Shrink Films must be stored at temperatures of no more than 75 degrees farenheit.					

FLXTITE AP-6 Film complies with the requirements of the FDA and USDA as amended, for the packaging of all foods, with the exception of high alcoholic substances, at room temperature or below.

The above values are based on test data believed to be reliable. This data, however, is merely a guide and should not take the place of through testing for each intended use.

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