

FLXTITE AP-1 POLYOLEFIN SHRINK FILM SPECIFICATIONS

TYPICAL PROPERTIES	UNITS	VALUE	VALUE	VALUE	VALUE	ASTM TEST
FLXTITE AP-1: A super high clarity and high gloss, stiffer formulation, general purpose, multi-layer, biaxially oriented polyolefin shrink film. It is ideal for most display packaging applications, such as chocolate and candy gift boxes, toys, electronics and food multipacks. It is easily electrostatically sealed, as well. It has good shrinkage, excellent sealing with hot wire and "V" knives, and outstanding tear resistance properties. It runs on high speed, as well as manual or semi-automatic, equipment.						
GAUGE		50	60	75	100	
DENSITY	gm/cc	0.92	0.92	0.92	0.92	D-1505
YIELD	sq.in./lb	60,000	50,000	40,000	30,000	
ROLL WEIGHT	lbs./in.	2.1	2.1	2.1	2.1	
HAZE	%	1.5	1.8	2.3	2.8	D-1003
GLOSS, % @ 60 DEGREES	%	125	125	125	120	D-2457
COEFFICIENT OF FRICTION	film/film	0.21	0.20	0.19	0.19	D-1894
SHRINK AIR TEMPERATURE	farenheit	250-350 degrees				
FREE SHRINK @250 F	%	MD TD	MD TD	MD TD	MD TD	D-2732
		65 65	60 65	55 60	55 60	
MODULUS OF ELASTICITY	kpsi	MD TD	MD TD	MD TD	MD TD	D-882B
		46 52	45 51	44 55	42 49	
TENSILE STRENGTH	kpsi	MD TD	MD TD	MD TD	MD TD	D-882B
		17 17	16 16	15 15	14 14	
ELONGATION AT BREAK	%	MD TD	MD TD	MD TD	MD TD	D-882B
		100 100	105 105	110 110	105 105	
TEAR PROPAGATION	grams	6.5	10.5	13.5	19.5	D-1922
WATER VAPOR TRANSMISSION RATE	g/m2/24hr	19	16	12.5	10	E-96
OXYGEN TRANSMISSION RATE	g/m2/24hr	6600	6000	5100	3800	D-3985
CO2	g/m2/24hr	1900	1850	1800	1750	D-1434
MINIMUM USE TEMPERATURE	farenheit	minus 22 degrees				
MAXIMUM STORAGE TEMPERATURE	farenheit	90 degrees				
SINGLEWOUND ROLL LENGTHS	feet per roll	10,500	8,750	7,000	5,250	
CENTERFOLD ROLL LENGTHS	feet per roll	5,250	4,375	3,500	2,625	
AVAILABILITY						
SINGLEWOUND ROLL WIDTHS	inches	from 10 to 60				
CENTERFOLD ROLL WIDTHS	inches	from 6 to 32				

FLXTITE AP-1 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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