

FLXTITE AP-4 POLYOLEFIN SHRINK FILM SPECIFICATIONS

TYPICAL PROPERTIES	UNITS	VALUE	VALUE	VALUE	VALUE	ASTM TEST
FLXTITE AP-4: A lower energy shrink film with higher tear resistance, broader seal range and softer formulation. It is a multi-layer, biaxially oriented polyolefin shrink film, ideal for wrapping items having need for softer shrink force and on machinery with more sensitive sealing temperature. These include papergoods, books, mechanical and electrical components. It runs well on packaging machinery which is sensitive to easier tearing films, and equipped with hot wire or "V" knives. It has excellent clarity, good shrinkage, excellent sealing and outstanding puncture resistance.						
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	%	2.4	2.8	2.9	4.0	D-1003
GLOSS, % @ 60 DEGREES	%	88	90	95	110	D-2457
COEFFICIENT OF FRICTION	film/film	0.18	0.16	0.17	0.15	D-1894
SHRINK AIR TEMPERATURE	farenheit	250-350 degrees				
FREE SHRINK @250 F	%	MD TD	MD TD	MD TD	MD TD	D-2732
		50 60	50 60	55 65	55 65	
MODULUS OF ELASTICITY	kpsi	MD TD	MD TD	MD TD	MD TD	D-882B
		80 90	80 90	85 75	75 70	
TENSILE STRENGTH	kpsi	MD TD	MD TD	MD TD	MD TD	D-882B
		21 23	20 20	17 15	16 14	
ELONGATION AT BREAK	%	MD TD	MD TD	MD TD	MD TD	D-882B
		95 105	90 115	110 124	110 125	
TEAR PROPAGATION	grams	5.5	11	15	20	D-1922
WATER VAPOR TRANSMISSION RATE	g/m ² /24hr	1.9	1.5	1.3	1.0	E-96
OXYGEN TRANSMISSION RATE	g/m ² /24hr	660	620	570	500	D-3985
CO ₂	g/m ² /24hr	2600	2400	2300	1500	D-1434
MINIMUM USE TEMPERATURE	farenheit	minus 60 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				
NOTE: All PVC Shrink Films must be stored at temperatures of no more than 75 degrees farenheit.						

FLXTITE AP-4 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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