

FLXTITE AP-XH HEAVY-DUTY POLYOLEFIN SHRINK SPECIFICATIONS

FLXTITE AP-XH: A newly developed heavy gauge, biaxially oriented, and cross-linked polyolefin shrink film. Competes favorably with the cost of corrugated cartons. Reduces volume and weight of packaged goods, decreasing the cost of warehousing and trucking. Has excellent optical, puncture-resistance and elongation properties. Ideal for use in heavy-duty applications, such as shrink wrapping machine parts, furniture parts and tools.

TYPICAL PROPERTIES	UNITS	VALUE	VALUE	VALUE	VALUE	ASTM TEST
GAUGE		125	150	200	300	
DENSITY	gm/cc	0.92	0.92	0.92	0.92	D-1505
YIELD	sq.in./lb	25,700	20,200	15,500	10,100	
ROLL WEIGHT	lbs./in	2.1	2.1	2.1	2.1	
HAZE	%	3.6	3.8	4.2	5.0	D-1003
GLOSS.% @ 45 DEGREES	%	88	88	87	87	D-2459
COEFFICIENT OF FRICTION	film/film	<0.20	<0.20	<0.20	<0.20	D-1894
SHRINK AIR TEMPERATURE	fahrenheit	250-350 degrees				
FREE SHRINK @250 F	%	MD TD 75 75	MD TD 75 75	MD TD 70 70	MD TD 70 70	D-2732
MODULUS OF ELASTICITY	kpsi	MD TD 62 65	MD TD 62 65	MD TD 60 65	MD TD 60 65	D-882B
TENSILE STRENGTH	kpsi	MD TD 17 16	MD TD 17 16	MD TD 17 16	MD TD 17 16	D-882B
ELONGATION AT BREAK	%	MD TD 160 140	MD TD 170 150	MD TD 180 160	MD TD 200 170	D-882B
TEAR PROPAGATION	grams	35	45	45	50	D-1922
WATER VAPOR TRANSMISSION RATE	gr/m2/24 hr	10.5	9	7	4.5	E-96
OXYGEN TRANSMISSION RATE	cc/m2/24 hr	3600	3000	1700	1500	D-3985
C02	cc/m2/24 hr	14600	12300	9300	6100	D-1434
MINIMUM USE TEMPERATURE	fahrenheit	minus 10 degrees				
MAXIMUM STORAGE TEMPERATURE	fahrenheit	78 degrees				
SINGLEWOUND ROLL LENGTHS	feet per roll	4,200	3,500	2,620	1,750	
CENTERFOLD ROLL LENGTHS	feet per roll	2,100	1,750	1,310	875	

AVAILABILITY

SINGLEWOUND ROLL WIDTHS	inches	from 10 to 48
CENTERFOLD ROLL WIDTHS	inches	from 10 to 28

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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