

FLXTITE V-520 PVC SHRINK FILM SPECIFICATIONS

FLXTITE V-520: An all-purpose preferentially-oriented PVC shrink film with high cross direction shrink properties. Excellent optical properties. It offers excellent machineability on all equipment and is suitable for elongated products such as giftwrap, venetian blinds, etc.

TYPICAL PROPERTIES	UNITS	VALUE	VALUE	VALUE	VALUE	ASTM TEST
GAUGE		60	75	100	150	
DENSITY	gm/cc	1.307	1.307	1.307	1.307	AEP
YIELD	sq.in./lb	35,300	28,200	21,200	14,100	AEP
ROLL WEIGHT		1.7	1.7	1.7	1.7	
ROLL DIAMETER		7.8	7.8	7.8	7.8	
HAZE	%	2.2	2.3	2.4	3	BS 2782 521 A
GLOSS, % @ 45 DEGREES	%	130	125	125	125	BS 2782 520 A
COEFFICIENT OF FRICTION	film/film	0.26	0.28	0.29	0.3	NFT 54 112
IMPACT STRENGTH	lbs.	0.113	0.15	0.172	0.277	D-2470
FREE SHRINK @250 F	%	MD TD	MD TD	MD TD	MD TD	AEP
		38 15	38 15	38 15	38 15	
YIELD STRENGTH	psi	MD TD	MD TD	MD TD	MD TD	D-882B
		5946 5946	6091 6091	6381 6381	6671 6671	
TENSILE STRENGTH	psi	MD TD	MD TD	MD TD	MD TD	D-882B
		10152 8847	10732 10007	9862 8412	9427 7687	
ELONGATION AT BREAK	%	MD TD	MD TD	MD TD	MD TD	D-882B
		150 202	150 197	148 181	153 186	
TEAR PROPAGATION	grams	MD TD	MD TD	MD TD	MD TD	D-1922
		6 8	8 10	8 12	11 15	
SEAL RANGE	fahrenheit	250-310	250-310	260-310	275-310	AEP
WVTR	g/100sq.in./24hr	36	32	26	14	BS 2782 513 A
OXYGEN	g/100sq.in./24hr	206	187	155	84	D-3985-81
CO2	g/100sq.in./24hr	1290	1129	968	516	D-3985-81
STORAGE TEMPERATURE	fahrenheit	45 TO 75 degrees				
SINGLEWOUND ROLL LENGTHS	feet per roll	5000	4000	3000	2000	
CENTERFOLD ROLL LENGTHS	feet per roll	2500	2000	1500	1000	
AVAILABILITY						
SINGLEWOUND ROLL WIDTHS	inches	from 10" to 50"				
CENTERFOLD ROLL WIDTHS	inches	from 6" to 32"				

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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