

Properties	ASTM	Typical Values	
	Test Method		
Gauge		200	300
Yield (in <sup>2</sup> /lb)		15,000	10,000
Instrumented Impact Strength (lbs)	D-3763-95a	35	50
Density @ 73°F (g/cc)	D-1505	0.925	0.925
Water Vapor Transmission Rate (gms/100 in <sup>2</sup> /24hrs; 100%RH, 100°F)	F-1249-90	0.65	0.43
Oxygen Transmission Rate (cc/m <sup>2</sup> /24hrs @ 73°F, 1atm)	D-3985-95	3,300	2,050
Minimum Use Temperature		-60°F	-60°F
Maximum Storage Temperature		90°F	90°F
		<b>LD* / TD**</b>	<b>LD* / TD**</b>
Elongation at Break (%)	D-882-95	220 / 220	220 / 220
Tensile Strength (psi)	D-882-95	10,000 / 12,000	10,000 / 12,000
Modulus of Elasticity (psi @ 73°F)	D-882-95	30,000 / 30,000	30,000 / 30,000
Free Shrink (%)	D-2732-83		
@ 200°F		20 / 20	15 / 15
@ 220°F		45 / 45	40 / 40
@ 240°F		65 / 65	60 / 60
@ 260°F		70 / 70	65 / 65
@ 280°F		75 / 75	70 / 70
Shrink Tension (psi)	D-2838-95		
@ 220°F		325 / 425	275 / 375
@ 240°F		325 / 425	275 / 375
@ 260°F		325 / 425	275 / 375
@ 280°F		325 / 425	275 / 375

Note: These are typical values and are not intended for use as limiting specifications.

\*Longitudinal Direction \*\*Transverse Direction

This information represents our best judgement based on the work done, but the Company assumes no liability whatsoever in connection with the use of information or findings contained herein. CorTuff® complies with the requirements of the Federal Food, Drug and Cosmetics Act, as amended, for the packaging of all foods, with the exception of high alcoholic, at temperatures of 65°C and below.