

## Properties of Fluoron Roll Covers made with TEFLON® FEP

PROPERTY	VALUES	ASTM TEST METHODS
<b>THERMAL</b>		
Melting Point	530°F	
Shrinking Temperature	280°F	
Flammability	Non-Flammable	D635
<b>PHYSICAL</b>		
Diameter Range	Up to 15'	
Thickness Range	.010" to .125"	
Ultimate Tensile Test	3000 psi	D882-61T
Elongation	200%	D882-61T
% Diameter Shrinkage @ 250°F	10%	
Max permissible external loading, 25°C ("Rock Hard" calendar rolls)	190 pli	
Hardness, 25°C P&J Plastomer Shore Durometer (A Scale)	17 A96	
Machining Qualities <sup>1</sup>	Excellent	
Clarity	Transparent	
Wettability (Contact Angle)	108°	
<b>CHEMICAL</b>		
Effect of all acids	None <sup>2</sup>	D543
Effect of all alkalies	None <sup>2</sup>	D543
Effect of all organic solvents	None <sup>2</sup>	D543
Water absorption 1/8" thickness	<0.01%	D570

Notes: <sup>1</sup> Recommended parameters on request

<sup>2</sup> No visible change, pitting or embrittlement in spite of time or temperature



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