



# CNX-501.30

EVOH Barrier Film

↳ A BETTER WAY

Key Attributes:

- Great Optics
- Broad Seal Range
- Good Strength
- Great Seal Initiation Temperature
- Great Oxygen Barrier

Typical End Uses: This film is designed for laminations that require oxygen barrier performance, film durability, and great sealing performance.

Attribute	Typical Value	Units	ASTM Test Method
Gauge	3.50	mil	
Yield @ 1mil	29,770	in <sup>2</sup> /lb	
Haze	15	%	D-1003
Gloss (45°)	65	%	D-2457
Tensile	MD	3,750	psi
	TD	3,500	
Elongation	MD	800	%
	TD	850	
Secant Modulus	MD	60,000	psi
	TD	66,000	
Elmendorf Tear	MD	275	g
	TD	300	
Dart Impact	175	g	D-1709 (method A)
O <sub>2</sub> TR	0.07	cc/100in <sup>2</sup> /24hr (0% RH, 23°C)	D-1434
MVTR	0.35	g/100in <sup>2</sup> /24hr (90% RH, 100°F)	F-1249
Creation Date:			12/13/2017

*The information provided is a good faith summary of typical film properties but is not meant to be used as a specification, nor as a guarantee of film properties. Users must assume responsibility for fitness of use in their individual applications. In addition, Charter NEX Films, Inc. does not warranty against patent infringement.*