

# PRODUCT DATA SHEET

Version: 230510



PRODUCT NAME	SEALCORE+ (KRITIFLEX 7603)
Description	7-LAYER EVOH ASTM E1745 CLASS A GAS BARRIER LINER Seven-layer co-extruded EVOH gas barrier liner offering exceptional protection against moisture and VOCs. Its low permeability, exceptional mechanical properties and ease of installation make it ideal for a variety of construction environments.
Class	ASTM E1745 CLASS A
Resins	m-LLDPE, LDPE, EVOH
Average thickness tolerance	± 5% on nominal thickness
Thickness tolerance at any point	± 15%

PROPERTY	TEST METHOD	VARIATION				
		16mil	20mil	30mil	40mil	
THICKNESS (mil)	ASTM D5199	16	20	30	40	
AVG THICKNESS TOLERANCE (%)	ASTM D5199*	±5	±5	±5	±5	
DENSITY OF MEMBRANE (g/cm <sup>3</sup> )	ASTM D 792	0.93-0.94	0.93-0.94	0.93-0.94	0.93-0.94	
TENSILE STRENGTH AT BREAK MD (lb/in)	ASTM D6693-IV	>80	>100	>125	>135	-10%
TENSILE STRENGTH AT BREAK TD (lb/in)	ASTM D6693-IV	>60	>70	>100	>115	-10%
RESISTANCE TO STATIC LOADING(lbs)	ASTM F970	≥44	≥44	≥44	≥44	
PUNCTURE RESISTANCE (lbs)	ASTM D 4833	>35	>45	>55	>70	
TEAR RESISTANCE (lbs)	ASTM D1004	>9	>10	>15	>18	-5%
RESISTANCE TO CHEMICALS(REPORT)	ASTM D 543	Tight	Tight	Tight	Tight	
RESISTANCE TO ARTIFICIAL AGEING(REPORT)	ASTM D3045	Tight	Tight	Tight	Tight	
REACTION TO FIRE(CLASS)	ASTM D5048	E	E	E	E	
O2 PERMEABILITY (ml/m2/day) @ 1 bar	ASTM D3985	3	3	3	3	+10%

\*Tolerance at any point ±10%

\*\*Tensile properties : 50mm / min, 50mm Gauge Length

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We hereby certify that the product consigned as per the above meets the standard manufacturing specifications according to the plans established by our Quality System based on ISO 9001:2015.