

## ECO SEAL® TYPICAL PHYSICAL PROPERTIES

Test Method	ESL600	ESL1000	ESL1500	ESL2100
Density (lbs./cu.ft.)	6#	10#	15#	21#
Kg/M <sup>3</sup>	96	160	240	336
ASTM D-1056				
Hardness (shore 00)	15	25	37	47
ASTM D-2240				
Compression	1.2	3.5	7	11
Deflection @25% psi				
kPa	8	24	48	76
ASTM D-1056				
Compression Set	5	7	12	10
25% loss from orig height				
ASTM D-1056				
Water Absorption	5.3	3.1	1.2	1
(% by weight)				
ASTM D-1056				
Tensile Strength psi	30	45	130	144
kPa	150	300	896	1000
ASTM D-412				
Percent Elongation	200	220	265	270
ASTM D-412				
Thermal Conductivity	0.27	0.28	0.3	0.31
(K factor)				
(btu-in.)/(hr.sq.ft.) °F	0.039	0.04	0.043	0.045
w/mk				
ASTM C-518				
Recommended Service Temperature				
(°F)	-30 To 230		-30 To 250	
(°C)	-35 To 110		-35 To 120	
Recommended Application Temperature				
(°F)		50 To 110		
(°C)		10 to 45		
Fungi Resistance	Excellent			
Oxidation Resistance	Excellent			
Weather Resistance	Excellent			
Fluid Immersion @ 23° C	99%	66%	39%	32%
(Weight Gain)				
ASTM Classification	2CO/2AO	2C1/2A1	2C2/2A2	2A3/2B3/2C3

\*All test were performed on material without PSA. Above values reflect average properties.

Typical performance properties and characteristics are based on samples tested and are not guaranteed for all samples of this product.

Data is intended as a guide only and is presented without guarantees and without assumption of liabilities resultant from the use of information provided.

This data is not to be used for specification purposes.