

**ARTILON®**

**2# XPE (Standard Grade)**

PROPERTY	UNIT	A-S-17	A-S-20	A-S-30
Density	(PCF)	1.7	2.0	3.0
Tensile Strength: MD TD	(PSI)	29 27	42 35	81 55
Elongation: MD TD	(%)	116 120	109 112	140 162
Tear Strength: MD TD	(PLI)	8 10	10 11	18 20
Compressive Strength (@ 25% PSI)	(PSI)	6	8	11
Compressive Strength (@ 50% PSI)	(PSI)	16	18	23
Compression Set (50%) Original Thickness	(%)	11.0	7.5	5.5
Thermal Stability MD (158° F 22 hrs) TD	(%)	<-3.0 <-2.0	<-2.7 <-2.0	<-2.3 <-1.0
Thermal Conductivity (btu/hr/ft <sup>2</sup> °F)		0.27	0.26	0.38

Testing done according to ASTM D3575 & ASTM C177 (thermal conductivity) standard. Test methods available upon request. All data is typical. Not to be considered specification values.

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