

XOLEFIN® Engineered Foams

ZXVM Technical Data

Product Description

Xolefin® ZXVM is an irradiation crosslinked, closed-cell EVA foam. The ZXVM products exhibit a fine cell structure and excellent mechanical properties at low densities. Xolefin® ZXVM foams are soft, conforming and ideal for medical tapes and other skin contact applications.

Product Characteristics

- Greatest flexibility, softness
- Soft aesthetically pleasing touch. Ideal for medical applications
- Excellent chemical and water resistance
- Strong adhesive anchorage

ZXVM can be laminated for greater thickness or to other substrates, as well as die cut, printed, or adhesive coated.



Product Form

- Produced in both roll and sheet form
- Standard width 60"
- Standard Density and Thickness

Density Thickness

4 pcf	.040" to .188"
5 pcf	.024" to .138"
6 pcf	.024" to .125"



Technical Data Sheet



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Standard Test	ASTM D-3575	units	4 ZXVM	5 ZXVM	6 ZXVM	
Density	Suffix W	pcf	4	5	6	
		kg/m ³	64	80	96	
Thickness range		in.	.040–.188	.024–.138	.024–.125	
Tensile strength—lengthwise	Suffix T	psi	145	200	225	
Tensile strength—crosswise		psi	125	165	180	
Elongation—lengthwise	Suffix T	%	350	340	320	
Elongation—crosswise		%	375	380	390	
Compression resistance	Suffix D	25%	psi	6.9	7.4	7.8
		50%	psi	17	18.2	19
Compression Set	Suffix B	%	<10	<8	<7	
Tear resistance—lengthwise	Suffix G	pli	21	27	29	
Tear resistance—crosswise		pli	19	23	25	
Temperature Range		Degrees F	-110°–180°	-110°–180°	-110°–180°	

NOTE: Physical properties listed are nominal. Specific ranges and tolerances for any individual application are available upon written request. Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation. Users of our products should make their own tests to determine the suitability of each such product for their particular purpose. The products discussed are sold without warranty either expressed or implied, and the buyer assumes all the responsibility for loss or damage arising from the handling and use of our products, whether done in accordance with directions or not. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent.

