

XOLEFIN® Engineered Foams

ZEVA Technical Data

Product Description

Xolefin® ZEVA is an irradiation crosslinked, closed-cell ZEVA foam. The ZEVA products exhibit fine cell structure, excellent mechanical properties at low densities, and have passed rigorous ISO 10993 and 10993-1 standards for medical foam. Xolefin® ZEVA can be produced in a wide variety of colors. Standard colors are white, black, charcoal and blue.

Product Characteristics

- Approved for direct and indirect skin contact
- Increased flexibility
- Conformability to irregular surfaces
- Excellent chemical and water resistance
- Strong adhesive anchorage

ZEVA 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"
6 pcf	.024" to .125"
12 pcf	.020" to .100"



Technical Data Sheet

issue date: July 12, 2017

Standard Test	ASTM D-3575	units	4 ZEVA	6 ZEVA	12 ZEVA	
Density	Suffix W	pcf	4	6	12	
		kg/m ³	64	96	192	
Thickness range		in.	.040–.188	.024–.125	.020–.100	
		mm	1.0–4.8	0.6–3.2	0.5–2.5	
Tensile strength–lengthwise	Suffix T	psi	125	230	450	
		kPa	860	1590	3100	
Tensile strength–crosswise		psi	100	140	350	
		kPa	690	965	2415	
Elongation–lengthwise	Suffix T	%	335	250	390	
Elongation–crosswise		%	360	290	360	
Compression resistance	Suffix D	25%	psi	7	8	24
			kPa	48	55.2	165
		50%	psi	17.2	19	51
			kPa	118	131	350
Compression Set	Suffix B	%	<15	<10	<10	
Tear resistance–lengthwise	Suffix G	pli	21	32	66	
		kN/m	3.7	5.8	11.6	
Tear resistance–crosswise		pli	22	21	53	
		kN/m	3.9	3.7	9.3	
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.



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"



XOLEFIN® Engineered Foams

ZXET Technical Data

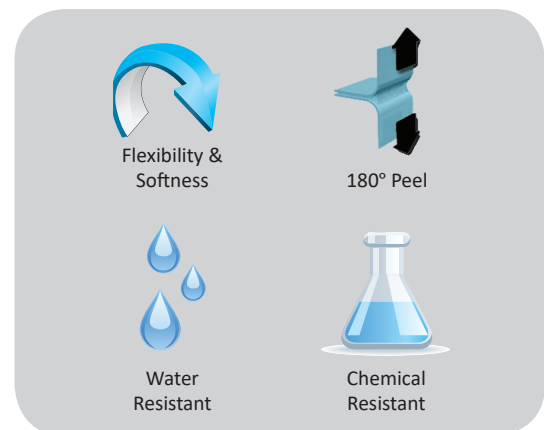
Product Description

Xolefin, ZXET is an irradiation crosslinked, closed-cell, Polyolefin Alloy foam. The ZXET products exhibit a fine uniform cell structure and excellent mechanical properties. The ZXET products are Stearate free, making them adhesive-friendly and offering superior adhesive anchorage. Xolefin, ZXET foams are ideal tape substrates for the most demanding tape applications.

Product Characteristics

- Increased flexibility
- Conformability to irregular surfaces
- Excellent chemical and water resistance
- Strong adhesive anchorage

ZXET 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

3 pcf	.063" to .188"
5 pcf	.024" to .125"
12 pcf	.020" to .100"



Technical Data Sheet



issue date: July 12, 2017

Standard Test	ASTM D-3575	units	3 ZXET	5 ZXET	12 ZXET	
Density	Suffix W	pcf	3	5	12	
		kg/m ³	64	96	192	
Thickness range		in.	.040–.188	.024–.125	.020–.100	
		mm	1.0–4.8	0.6–3.2	0.5–2.5	
Tensile strength–lengthwise	Suffix T	psi	90	190	450	
		kPa	620	1310	3100	
Tensile strength–crosswise		psi	68	140	350	
		kPa	468	965	2415	
Elongation–lengthwise	Suffix T	%	331	340	390	
Elongation–crosswise		%	302	300	360	
Compression resistance	Suffix D	25%	psi	6	8	24
			kPa	41	55.2	165
		50%	psi	15	19	51
			kPa	103	131	350
Compression Set	Suffix B	%	<20	<10	<10	
Tear resistance–lengthwise	Suffix G	pli	16	32	66	
		kN/m	2.8	5.8	11.6	
Tear resistance–crosswise		pli	14	21	53	
		kN/m	2.4	3.7	9.3	
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.

