

VIBRATION MANAGEMENT CORPORATION

5930 THOMAS ROAD , HOUSTON , TEXAS 77041 , U.S.A

INTERNET ADDRESS: www.vimco.biz

ITEM	SPECIFICATION	PROPERTY
DIMENSIONS: VPPI-6	N/A	3/4" x 6-1/2" x 39" or 48"
VPPI-8	N/A	3/4" x 8-1/2" x 39" or 48"
VPPI-10	N/A	3/4" x 10-1/2" x 39" or 48"
VPPI-12	N/A	3/4" x 12-1/2" x 39" or 48"
CELL STRUCTURE	N/A	CLOSED-CELL EXPANDED POLYETYLENE
DENSITY (PCF)	DOW CSP-3A	2.4
CELL SIZE (MM AVERAGE)	DOW FP-156	1/8" (3) = 1.0 1/4" (6) = 1.5 1/2" (12) = 1.7
COMPRESSIVE DEFLECTION (PSI)	ASTM D-1621 @ 5% @ 10% @ 25% @ 50%	2.5 3.0 6.0 15
COMPRESSION SET (% ORIGINAL THICKNESS)	50% COMPRESSION FOR 22 HRS. 24 HRS. RECOVERY PERIOD	15-20
TENSILE STRENGTH (PSI)	ASTM D-1564	40
TENSILE ELONGATION (%)	ASTM D-1564	50
TEAR STRENGTH (LBS. / IN.)	ASTM D-624	15
WATER ABSORPTION (% BY VOLUME)	ASTM C-272	UNDER .5
WVTR (PERM. - IN.)	ASTM C-355	.2
BUOYANCY (PCF)	N/A	55
THERMAL CONDUCTIVITY (BTU-IN /HR/ FT ² °F)	DOW FP-4	1/8" (3) = .28 1/4" (6) = .30 1/2" (12) = .34
THERMAL STABILITY (% SHRINKAGE)	CONDITIONED @ SPECIFIED TEMP. WITH NO LOAD 24 HRS. 48 HRS.	-.30 @ 180 °F (82.22 °C) -1.50 @ 180 °F (82.22 °C)

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| <ul style="list-style-type: none"> * A SUPERIOR CUSHIONING MATERIAL * EXTREMELY SMOOTH, SOFT AND ATTRACTIVE * AN EXCELLENT INSULATING MATERIAL | <ul style="list-style-type: none"> * STRONG, TOUGH & LIGHT WEIGHT * NON WATER-ABSORBENT * CHEMICAL, SOLVENT, AND WEATHER RESISTANT |
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Notes / Remarks :	Project :		Title : Engineering Properties : VPPI-x Perimeter Isolating Board	Drawing no. S-2600.51
	Client :			
	Consultant :			
	Representative :			
			Rev. 2	