



## DMI PVC Liner Panels

Owners of agricultural and light industrial buildings regularly choose the virtually indestructible PVC Panel for its remarkable durability, ease of installation, and outstanding versatility. Lightweight corrugated panels are easy to handle and require no special equipment for installation. PVC can be cut using basic woodworking tools and is easy to clean with conventional spray equipment. Corrugated PVC Liner Panels are strong, high-impact panels that naturally resist chemicals. Corrugated PVC Panels are designed for the most demanding applications. DMI .032" PVC panels are backed by a 10 year factory limited warranty, and the MR9 .039" thickness has a 5yr UV weathering warranty.

- Greca, box corr 0.032" thickness in bright white with a 36" coverage.
- MR9, 3/4"rib UV 0.039" thickness in bright white with a 36" coverage.



### Benefits

- Attractive high-gloss white finish
- Excellent chemical resistance
- High fire resistance
- Easy cleaning & maintenance
- ASTM E84 Class A fire rating
- Excellent light reflectance
- Impact-resistant (resists breakage)
- Will not rust or corrode
- Resists scuffing and scratching

### Typical Applications

- Hog, Dairy, and Poultry Shelters
- Food Processing & Meat Packing
- Salt & Fertilizer Storage
- Loafing Sheds
- Aquaculture Farms
- Kennels and Stables
- Car & Truck Washes

Property	Conditions (U.S. Customary)	ASTM Method	Units - SI (U.S. Customary)	Value (U.S. Customary)
Physical				
Density		D-1505	g/cm <sup>3</sup> (lb/ft <sup>3</sup> )	1.4 (87.4)
Mechanical				
Tensile strength at yield	10 mm/min (0.4 in./min)	D-638	MPa (psi)	52-66(7542-9573)
Tensile strength at break	10 mm/min (0.4 in./min)	D-638	MPa (psi)	39-53(5656-7687)
Elongation at yield	10 mm/min (0.4 in./min)	D-638	%	3
Elongation at break	10 mm/min (0.4 in./min)	D-638	%	140-160
Tensile Modulus of Elasticity	10 mm/min (0.4 in./min)	D-638	MPa (psi)	2700(391,600)
Flexural Modulus	1.3 mm/min (0.05 in./min)	D-790	MPa (psi)	2200(320,000)
Flexural Strength at Yield	1.3 mm/min (0.05 in./min)	D-790	MPa (psi)	90-100(13,100-14,500)
Impact Falling Weight	3 mm (0.12 in.) Sheet	ISO-6603/1b	J (ft-lbf)	45-60(33-44)
Rockwell Hardness		D-785	R scale / M scale	105-115
Thermal				
Long Term Service			°C (°F)	-20 to 50(-4 to 122)
Heat Deflection Temperature	Load: 1.82 Mpa (264 psi)	D-648	°C (°F)	61-67(142-152)
Coefficient of Linear Thermal Expansion		D-696	10 <sup>-5</sup> /°C (10 <sup>-5</sup> /°F)	6.3 (3.5)
Thermal Conductivity		C-177	W/m°K (Btu-in./hr-ft <sup>2</sup> -°F)	0.16 (1.11)

**To find a distributor call 855-800-8878 or visit [www.directmetalsinc.com](http://www.directmetalsinc.com)**