



## DH2211 Smooth/Smooth High Tear Strength Silicone Membranes For Vacuum Presses

**Silicone membranes** are used for vacuum forming solid surfaces, thermoplastics and similar composite materials. Thanks to their high temperature resistance and elasticity, **DH2211** has proven suitable for hot press and thermoforming applications.

Our silicone rubber membranes are valued world-wide for their consistency and durability. Silicone is available in different durometers, as well as smooth or textured surfaces, ensuring that each customer can find the correct membrane for their 3D lamination application. Building on their success, Deer Hunter continues to research and develop products specific to the various industries they serve.

### Area of application

Laminating of foil, veneer, production of triplex, thermoforming of solid surface and thermoplastic materials.

- \* Vacuum laminating and forming using a single mold (such as furniture components, interior finishing and fit out components, cabinetry)
- \* Wrapping profiles and paneling
- \* Soft forming (such as veneering of raised door panels and suitcase fronts)
- \* Veneering & Laminating (such as veneer application/most material to shaped elements)

### Technical Data

Item no.	DH2211	
Compound	Silicone	
Surface	Smooth/Smooth	
Standard thickness	1mm, 2mm, 3mm	
Width	Max up to 3800mm seamless	
Color	Gray transparent	
Hardness	45±5 Shore A	ASTM D2240
Density	1.25±0.05g/cm <sup>3</sup>	ASTM D297
Tensile strength	11.5MPa	ASTM D412
Tear strength	45N/mm	ASTM D412
Elongation	860%	ASTM D624 B
Resilience	25%	ASTM D395 B
Max. temperature	250°C	

\* Although also called diaphragms, sheets or membranes, the woodworking industry tends to use the term membrane.