

## North American Sealant Testing

Delchem 2000 is a one part, warm applied (185 °C), 100% solids Reactive Hot Melt Butyl IG Sealant. Immediately upon application, the advanced thermosetting materials in D2000 react with atmospheric moisture, developing strong chemical bonds and structural strengths; overcoming the inherent limitations of non-reactive hot melt butyl sealants.

APPLICATION PROPERTIES	
Colour	Black and Grey
Specific Gravity	0.89
Kg/litre	0.91
Shelf Life	1 Year
Application Temperature Range	180°C - 200 °C
Volatile Content	None
Hazardous Ingredients	None

PERFORMANCE PROPERTIES	
Shore 'A' Hardness	
Initial Application	35
After Full Reaction	45
Gas Permeance - Argon (ASTM D3985)	0.0000574 gm Ar/m <sup>2</sup> /24 hr/mmHg
MVTR (ASTM E96, Procedure B)	0.013 gr/100in <sup>2</sup> /24 hr
Low Temperature Flexibility (-70 °C)	Retains Elastomeric Traits, No Cracking
Viscosity @ 182 °C	280,000-300,00cps
Tack	Tack Free minutes after application
Seal Durability	Accelerated Weathering
ASTM E773/E774      ASTM E2190	Single Seal system
Frost Point, initial	Pass > -68 °C
Level 'CBA '	Pass > -68 °C
Fog Test	Pass
IGCC Certification	Pass
IGMAC Certification (CAN/CGSB-12.8.97)	Pass

- D2000 Reactive Hot Melt Butyl IG Sealant is available in 200 litre steel drums (Net 170 litres) and 20 litre pails (net 17 litres)
- D2000 can be hand gunned using 20 litre and 200 litre Hot Melt pumps, Linear extruders, PPG Intercept ® IG System and Gunning Tables.
- D2000 has been evaluated and approved by PPG industries, Inc, for use on the Intercept ® IG System as a Dual Seal Equivalent (DSE) sealant.