



# Air D-Fense™ 3000

## Product Data Sheet

### **Product Description**

Air D-Fense™ 3000 is an environmentally-friendly, aqueous suspension of nano-dispersed silicates and butyl rubber. It is used as a barrier coating and can be applied to various elastomeric substrates via spray or dip coating processes. Air D-Fense™ 3000 has the secondary properties of butyl rubber which may be important in the application, such as low temperature flexibility and capability to be cured at high temperatures.

### **Typical Properties of Air D-Fense™ 3000**

Property	Unit	Value
<b>Permeability</b> @ 23°C, 0% RH on Polypropylene Substrate	cc-mm/m <sup>2</sup> -day-atm	1.0 – 1.5 +/-10%
<b>Strain to first damage</b> @ 25°C, 0%RH with 25x microscope, rubber substrate	%	10-15 +/-2%
<b>Viscosity</b> Brookfield, cP @0.3 rpm, 25°C	cP	2000-4000 +/-10%
<b>Solid Content</b>	%	9.0-10.0
<b>pH</b>		5.5-7.5
<b>Shelf Life</b>	Months from date of manufacture	12

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