

## Air D-Fense<sup>™</sup> 2000

## **Product Data Sheet**

## **Product Description**

Air D-Fense<sup>TM</sup> 2000 / 2000R 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<sup>TM</sup> 2000 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™ 2000

Property	Unit	Value
Permeability @ 23°C, 0% RH on Polypropylene Substrate	cc-mm/m²-day-atm	2.5 – 3.5
Strain to first damage @ 25°C, 0%RH with 25x microscope, rubber substrate	%	>15%
Viscosity Brookfield, cP @0.3 rpm, 25°C	сР	2000-5000
Solid Content	%	12.7-13.3
рН		6.5-7.5
Shelf Life	Months from date of manufacture	48