

# GeoCHEM, Inc.

## Potable Water Liner

40 Mil thick  
white potable water grade  
liner for all your pure  
water needs.

This material is  
specially formulated to  
meet the requirements of  
The National Sanitation  
Foundation (NSF  
Standard 61) for drinking  
water additives and is so  
certified. This material  
has also been approved  
for use with:

- Drinking water
- Potable process water
- Brine solution

|                                               |                                           |            |
|-----------------------------------------------|-------------------------------------------|------------|
| Thickness $\pm$ 5%                            | ASTM D-1593                               | .040"      |
| Specific Gravity (min)                        | ASTM D-792                                | 1.20       |
| 100% Modulus (psi, min)<br>(lb/in-width, min) | ASTM D-882                                | 1000<br>33 |
| Tensile (psi, min)<br>(lb/in-width, min)      | ASTM D-882                                | 2400<br>92 |
| Elongation at Break (% min)                   | ASTM D-882                                | 350        |
| Graves Tear (lb/in, min)                      | ASTM D-1004                               | 10         |
| Impact Cold Crack ( $^{\circ}$ C)             | ASTM D-1790                               | -20        |
| Dimensional Stability<br>(% change, max)      | ASTM D-1204<br>(212 $^{\circ}$ F/15 min.) | 4          |
| Water Extraction (% max)                      | ASTM D-3083                               | 0.35       |
| Volatile Loss (% max)                         | ASTM D-1203(A)                            | 0.9        |
| Hydrostatic Resistance<br>(psi, min)          | ASTM D-751(A)                             | 82         |
| <b>Factory Fabricated Seams:</b>              |                                           |            |
| Peel Strength (lbs/in, min)                   | ASTM D-882                                | 15         |
| Shear Strength (lbs/in, min)                  | ASTM D-882                                | 73.6       |

**Enhancing our environment by preserving  
water resources for future generations.**

**[www.geocheminc.com](http://www.geocheminc.com)**