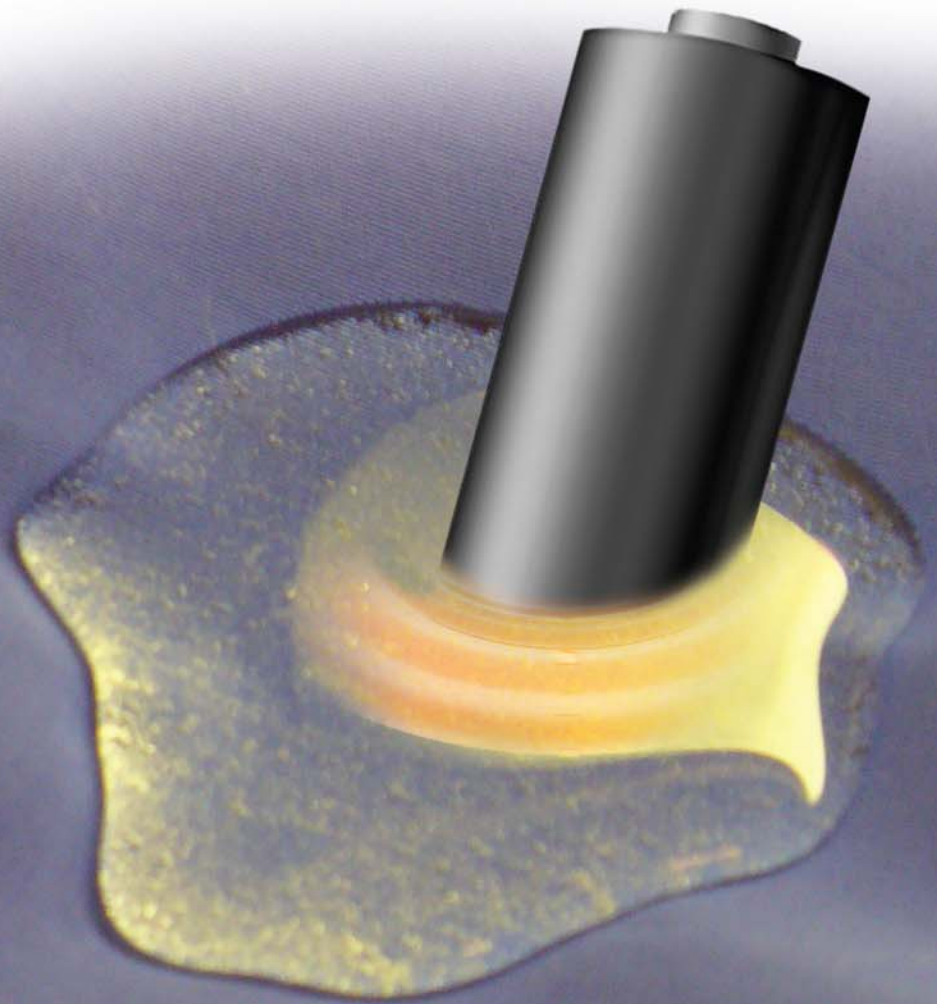




Geomembranes for the Containment Industry



- Industrial Grades
- HT/CR Grades
- Specialty Grades

IG

“Industrial Grade” Liners

- Std Thickness: 20G, 30G
- Std Width: 86”
- Min Elongation (%): 360 / 380
- Min Tensile (lbs/in): 48 / 73
- Dim. Stability MD (%): 4 / 3
- Hydrostatic (psi): 68 / 100

HT/CR

“Heat/Chemical Resistant” Liners

- Std Thickness: 30G
- Std Width: 86”
- Min Elongation (%): 425
- Min Tensile (lbs/in): 75
- Dim. Stability MD (%): 4
- Hydrostatic (psi): 95

SG

“Specialty Grade” Liners

- High Elongation (VG)
- Fish Grade (FG)
- Low Temp Alloys (LT)
- 3-ply Reinforced (3R)



PROPERTY Needed	Achilles "HT" Grade	REGULAR PVC "IG" Grade
Plasticizer Loss Resistance	Good	Fair/Poor
Specific Gravity	Slightly Lighter	—
Cold Impact	Good	Fair
Acid / Base Resistance	Good	Poor
Weatherability / UV	Good	Fair
Abrasion Resistance	Good	Fair
Elongation	Good	Good
Naptha / CR resistance	Good	Poor
Heat Resistance	Good	Fair
Seam / Sealing	Good	Good

Note: The "HT" material is primarily designed to improve plasticizer loss, acid/base chemical resistance, weatherability and heat resistance.



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