

DESCRIPTION

GC-2100 is a pre-fabricated liner system that utilizes a spray applied attachment method instead of traditional heat welding. This method of attaching the panels together results in 30-40% thicker liner to liner interface, creating a strong, seamless liner system when complete. GC2100 can be designed in varying lengths and thicknesses to meet each projects dimensional and chemical resistant needs.

FEATURES

- Geotextile cloth precision coated to exact thicknesses
- Impermeable layer of modified spray elastomer
- Seamless system when complete
- Customizable color and thickness to meet any project
- Highly UV resistant
- Rapid installation
- Withstands light vehicle traffic

BENEFITS

GC-2100 liner creates an impermeable protective layer between the environment and hazardous fluids commonly found in oil and gas, mining, and industrial sites. It provides protection against leaks or spills from tanks, pipes and other vessels-simplifying or eliminating the need for remediation.

GC-2100 features a proprietary modified elastomeric coating technology applied with a state-of-the-art automated process to ensure the highest level of consistency and coverage per square foot. It maintains impermeability and puncture resistance under exposure to harsh UV and weather extremes, resulting in a long lifespan with minimal maintenance requirements.

A single layer of GC-2100 is required instead of multiple layers of HDPE. GC-2100 lays flat for an easier installation than alternative liners, reducing trip hazards and improving site safety and spill containment. For high traffic applications, GC-2100 can be imbedded with a durable non-slip surface further enhancing its superior performance.



VERSITILITY

Our pre-sprayed GC 2100 liner is flexible and durable so it can be transported quickly and installed in a variety of applications. The liner can be sized to fit individual equipment, such as trucks, temporary secondary containment for tanks, permanent secondary containment, containment ponds or entire work sites.

It can be easily cleaned and trimmed to smaller sizes for subsequent applications. GC 2100 can be spray attached to perimeter materials such as steel, concrete, wood, corrugated pipe or foam to create a seamless containment system. This application eliminates the need for batten bar attachments. GC 2100 contains no VOCs and is chemically inert, which makes it environmentally safe and fully recyclable.

PROVEN DURABILITY

The durability and performance of our revolutionary liner has been proven in more than 36,000 installations. Should a spill occur on the liner, it is contained, so it can be recovered and cleaned easily, avoiding a reportable incident, costly remediation and negative publicity.



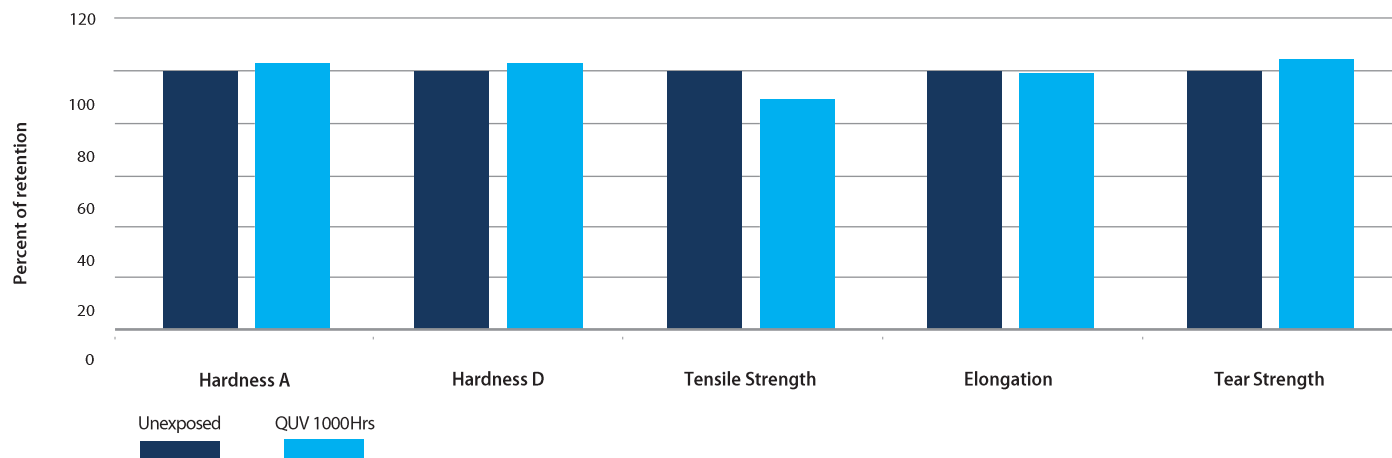
TEST INFORMATION

Physical Test	Test Method	Typical Value
Hardness, Shore A	ASTM D-2240	85-90
Tear strength (pli)	ASTM D-624	300-350
Elongation (%)	ASTM D-412	350-500
Tensile strength (psi)	ASTM D-412	1,600-2,800
Taber abrasion (mg wt loss)	ASTM D-4060	1.0* (0.001%)
Static coefficient of friction (wet/dry)	ASTM C-1028	0.77/1.02
Electrical resistance (Ω)	ASTM F-150	10^{12} (insulative)
Permeability (perms)	ASTM E-96	0.05
Permeability (cm/sec)	ASTM D-4491	0×10^{-12}
Puncture resistance (lbs) (top side)	ASTM D-751	129
Puncture resistance (lbs) (bottom side)	ASTM D-751	137

*Abrasion loss: tested at CS17 wheel, 1 kg load, 1,000 cycles

The material used in our proprietary liner retains its properties even after years of exposure to UV light and extreme weather conditions. The maximum recommended long-term exposure temperature is 200°F (93°C).

WEATHER RESISTANCE



INDUSTRY ADVANTAGE

Our high-performance pre-fabricated liner features a proprietary modified elastomeric lining and coating technology that provides a seamless, durable, maintenance-free layer of protection. Weather is not an issue—the liner is UV resistant and retains its properties to -40°F. With a proven useful life of 20+ years, our technology significantly extends asset life, resulting in dramatically reduced maintenance and replacement costs for a much lower total cost of ownership.



WARRANTY & DISCLAIMER

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