

Fire Resistant ARCTIC-SHIELD™ Fabric



Fire Resistant (FR) Arctic-Shield fabric has been specifically designed for secondary containment of fuels in Canada and is available in two different weights, 26.5oz and 36oz. FR Arctic-Shield is the most advanced secondary containment fabric on the market today for above-ground secondary containment berms.

SEI Industries is the first manufacturer to offer shop-manufactured secondary containment products that meet CAN/ULC-S668-12 and are certified by an independent certification agency. Exclusive to SEI Industries, this proprietary fabric comes in tan on one side and green on the other.

Product Application Table

Product	Drums & Tanks	Collasp. Fuel Tanks	Equip-ment	Vehicles	Transfer Area
Insta-Berm L-Rod	x		x		x
Frame Supported Insta-Berm	x	x	x		x
Ride-Side Vehicle Berm	x		x	x	x
Mini-Berm	x		x		x
Drip Defender			x	x	x

1. Suitable for deployment to -50 °C (-65 °F)
2. Impermeable to fuel and hydrocarbons
3. Meets NATO Standardization Agreement - STANAG 2895 – which stipulates that equipment shall operate, without malfunction, in all climatic conditions from A1 (+49°C) through C2 (-46°C) inclusive.
4. Exceeds the requirements set by the Canadian Council of Ministers of the Environment (CCME) Environmental Code of Practice for Above-ground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products for secondary containment.
5. Arctic-Shield fabric is certified to CAN/ULC-S668-12 Class IP and is suitable for secondary containment of flammable liquids and combustible liquids in both above ground (exposed) and (buried) non-exposed secondary containment applications.
6. Enables compliance to Environment Canada Storage Tank Systems for Petroleum Products and Allied Petroleum Products Regulations (SOR/2008-197).
7. Arctic-Shield fabric is designed for long duration fuel exposure that may occur if a fuel spill were to happen at a remote site that is unmanned for the winter.

Fire Resistant ARCTIC-SHIELD™ Fabric Specifications



SEI's Insta-Berm and other secondary containment systems help companies meet today's strict guidelines for environmental protection.

The following fluids are acceptable for secondary containment in Arctic-Shield berms: Jet A, Jet B, JP-1, JP-4, JP-8, Kerosene, Avgas, diesel and gasoline fuels.

Specifications subject to change without notice.



CERTIFIED TO
CAN/ULC-S668-12

	Lightweight	Heavyweight	TEST METHODS
BASE FABRIC			
Base Fabric Weight	8 oz/yd2	8 oz/yd2	
	271g/m2	271g/m2	
Fabric Style	Polyester Woven		
COATED FABRIC			
Total Weight	26.5oz/yd2	36oz/yd2	
	898g/m2	1220g/m2	
Coating	Thermal Poly Urethane (TPU)		
Coating Distribution	50/50		
MATERIAL PROPERTIES			
Tensile Strength, Warp	3204 N	3045 N	D751-11
Tensile Strength, Fill	2746 N	2419 N	
Seam Strength, Warp	3106 N	2725 N	D751-11
Seam Strength, Fill	2633 N	1913 N	
Burst Strength	> 4137 kPa	> 4137 kPa	
Low Temp	-50° F. (-46° C.)		D2136
Flammability	Flame ceased within 5 seconds		
Fluid	Flammable and Combustible Liquids		
Rated For	Class IP-S-E/NE		

Arctic-Shield is a reinforced fabric suitable for secondary containment of flammable and combustible liquids in both exposed and non-exposed applications.