



***FluoroGrip  
MX Membrane***  
*Superior Secondary  
Containment Solutions*

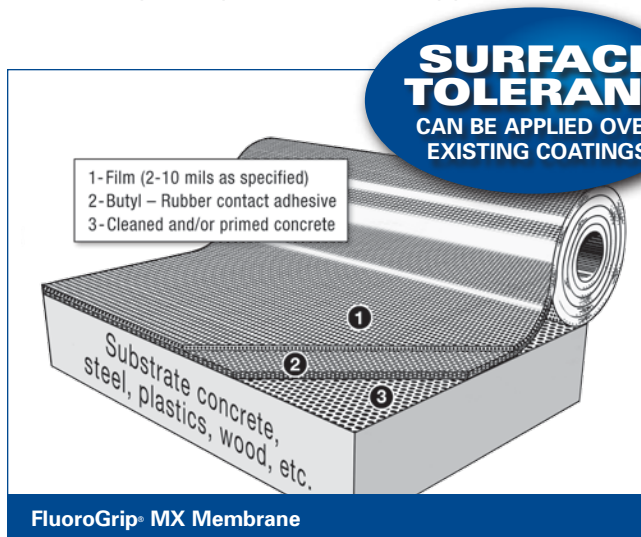
***FluoroGrip®***



## FLUOROGrip® MX MEMBRANE IS YOUR BEST CHOICE

FluoroGrip® MX Membrane is your best choice for **secondary containment**.

Our combination of patented **plasma bonding technology** and fast, easy installation provides **superior, cost-effective performance** in virtually every containment application.



The FluoroGrip® MX Membrane is easy to apply and can be optimized by selecting alternative top films, such as Teflon®, Halar® (ECTFE), Kynar® (PVDF), PTFE, etc.

### Versatility for a Wide Range of Applications

The FluoroGrip® MX Membrane and secondary containment system provides a flexible chemical- and temperature-resistant barrier, protecting the substrate against chemical attack by acids and alkalis that seep through monolithic sheathing, cracking overlays or acid brick joints.

Providing an extremely versatile system for use in power and food facilities, breweries, chemical plants, electronics manufacturing, wastewater and other industrial containment areas, indoors or out.

It can be used for vertical and horizontal waterproofing on structural foundation walls and decks.

### Patented Plasma Technology for Permanent Bonds

Our patented plasma surface modification process creates a chemical covalent bond between the fluoropolymer film material and the pressure-sensitive adhesive. This bond is permanent, enabling it to be used in surface protection applications where no conventional adhesive-backed Teflon® film product or asphaltic adhesive system can be used.

## Simple Peel-Stick-Seal Installation

Our unique technology combines the advantages of fluoropolymer film and butyl rubber adhesive for fast, simple installation. Less time and labor during installation means **lower installed costs**, plus reduced downtime for even greater savings.

**Peel release liner from back of membrane** – minimal surface preparation required for most applications

**Stick and burnish adhesive side to surface** – bonds immediately with complete cure in 24 hours

**Seal seams with brush-on fluoroelastomer edge sealant if required** – no heat welding necessary

# SUPERIOR CHEMICAL RESISTANCE ■ UP TO 400% ELONGATION

## FluoroGrip® MX Membrane Advantages

**Superior chemical and thermal resistance** – resists a wide range of aggressive chemicals at high temperatures up to 450° F

**Superior elongation properties** – up to 400% elongation maintains integrity over expanding and contracting concrete substrates

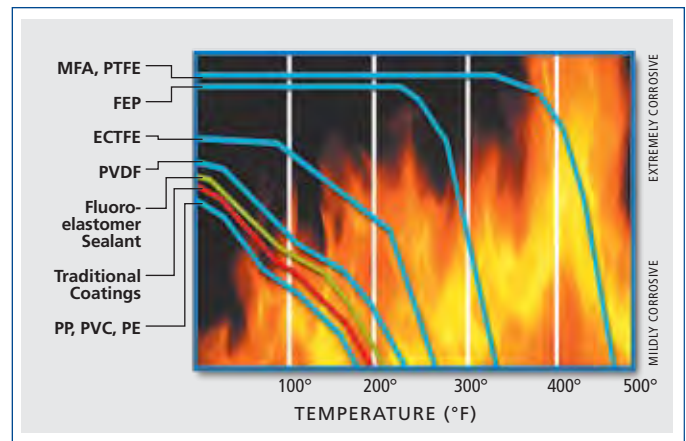
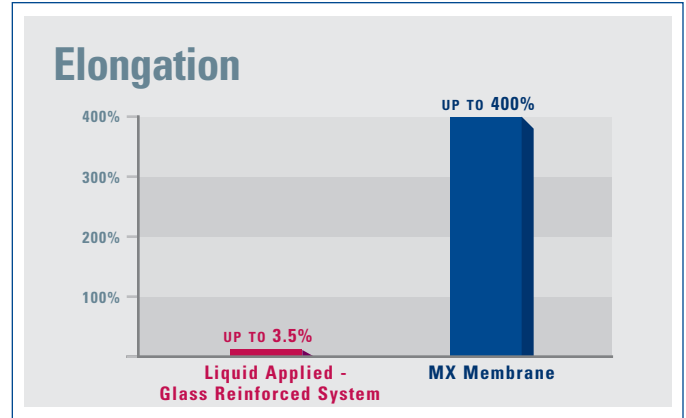
**Superior strength and flexibility** – conforms to complex geometric shapes with consistent coverage, even on edges and corners

**Ease of installation** – single application process with minimal surface preparation, adheres to surfaces at temperatures down to 40° F

**Enhanced safety** – no VOCs or hazardous solvents for safer shipping, handling, storage and installation, plus no hazardous waste disposal

**Custom configurations** – can be optimized for specific applications by combining a variety of fluoropolymer films with butyl, acrylic or silicone adhesives

**Lower cost** – reduced labor and equipment required for installation plus less downtime and enhanced service life provide lower cost per year of service



Graph shows maximum chemical/corrosion resistance of different coating and lining materials at increasing temperature

### PRIME



### PEEL & STICK



### FINISH APPLICATION





### Expert Service and Support from Integument Technologies

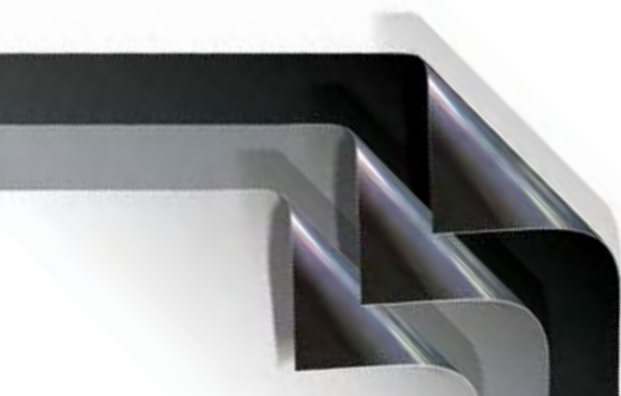
We're committed to creating innovative products that meet – and anticipate – your needs. Our scientists, engineers and technicians offer you the best combination of materials science, chemistry and corrosion engineering in the world.



### Full Line of Complementary Accessory Materials

Integument offers a wide variety of accessory items to handle all of your protection needs. These products feature Integument's patented plasma treated fluoropolymer films as well as traditional resin based products for the protection and maintenance of concrete, steel, masonry and other substrates.

- Teflon® expansion joint tapes
- Concrete sealers
- Vinyl ester and epoxy based non-skid toppings
- SB-100 brushable fluoroelastomer sealant
- SC-200 fluoroelastomer caulk
- FS-400 concrete filler/sealer
- NS-3000 primer/sealer topping
- NS-6000 epoxy novalac topping
- NS-7000 vinyl ester topping



### General Properties

|                | Elongation | Chemical Resistance | Available Thickness |
|----------------|------------|---------------------|---------------------|
| PTFE           | 400%       | Excellent           | 5,10 mil            |
| FEP            | 300%       | Excellent           | 5,10 mil            |
| ECTFE          | 250%       | Very Good           | 5,10 mil            |
| PVDF           | 250%       | Very Good           | 5,10 mil            |
| Butyl Adhesive | 400%       | Good                | 29 mil              |

Request specific fluoropolymer film technical data sheets for further information



Secondary containment — Truck unloading pad with 3/8" non-skid topping



Teflon® expansion joint — Crack tapes

Contact your Integument representative for a recommendation on the best products for your specific application.

# Integument

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