



Fluoropolymer Linings and Coatings

## The Ultimate Joint and Crack Sealant System

### Excellent Chemical and Temperature Resistance for Joint or Crack Sealing

The FluoroGrip® Joint and Crack Sealing System provides the ultimate chemical and temperature resistant method for sealing joints or cracks in compatible materials and substrates such as concrete.

FluoroGrip® Joint Tape is a fluoropolymer-based tape manufactured with a variety of pressure sensitive adhesives for peel-and-stick ease of use. It is the ideal replacement for traditional chemical resistant caulks, offering all the advantages of FluoroGrip® linings such as:

- Elastomeric (to 330% elongation)
- Superior reliability of a fully fluorinated material
- Highest resistance to harsh chemicals
- Temperature resistance to 500°F depending on adhesive
- Easier installation than traditional sealants
- Reduced labor and installation costs
- No VOCs or hazardous solvents

FluoroGrip® Joint Tape protects against corrosive and reactive liquids leaking into expansion, control joints and cracks in concrete and other materials. It stands up to a wide range of harsh chemicals such as organic and inorganic acids, solvents and more.

### FluoroGrip® Joint Tape – Physical Properties†

Property	Test Method	Result
Tensile Strength @ Break	ASTM-D882	24 Mpa
Elongation @ Break	ASTM-D882	250%- 330%
Initial Tear Strength -1 Mil	ASTM-D1004	4.9-5.3 N
Ozone Resistance	ASTM-D1149	Excellent
Weather Resistance	ASTM-D816	Excellent

†Varies depending upon top film FEP, PTFE, ECTFE, PVDF, ETFE, PFA, and MFA)



## Integument

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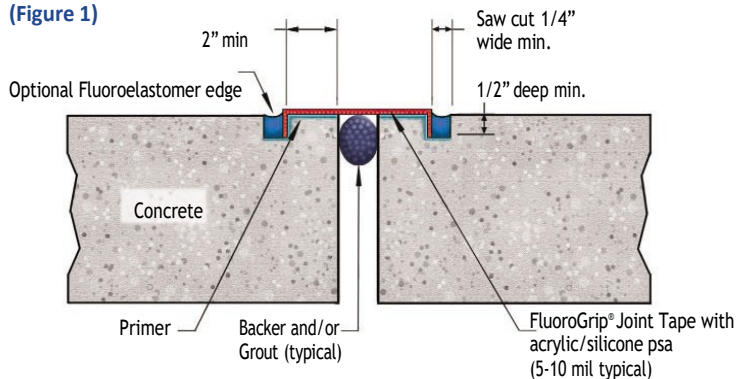
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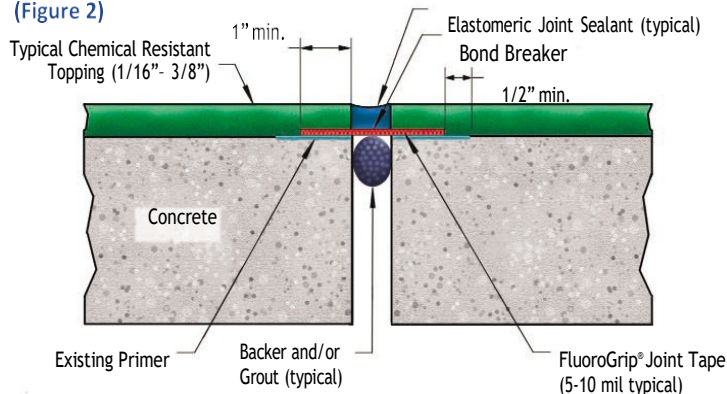
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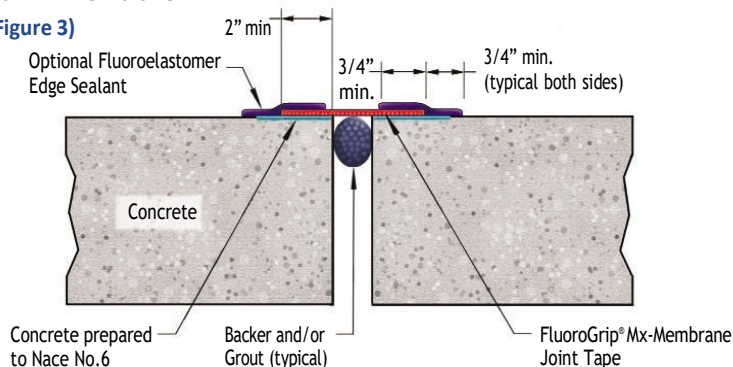
**Standard Sealed Joint  
(Figure 1)**



**Sealed Joint with Existing  
Chemically Resistant Topping  
(Figure 2)**



**Sealed Joint or Crack Detail  
with Mx-Membrane  
(Figure 3)**



### Installation Instructions

- 1) Clean and remove unsound surfaces – high pressure water blasting, grit blasting, grinding or sanding.
- 2) If no existing primer is present, one can be applied to the concrete (Figures 1 and 2). If no primer is to be used, the Mx-Membrane joint tape only requires that the concrete be prepared to Nace No. 6 (Figure 3).
- 3) Remove backing from sealant tape and apply over joint or crack (typically 4 to 6 inches wide). Activate pressure sensitive adhesive with roller or burnishing tool, using moderate pressure.
- 4) Edge Sealing Procedures for FluoroGrip® joint tape

Figure 1 – Saw cut terminate the tape and seal tape edges with a fluoroelastomer caulk or equivalent.

Figure 2 – Apply chemically resistant primer over the joint and seal tape edges with a fluoroelastomer caulk or equivalent.

Figure 3- Apply fluoroelastomer caulk or equivalent.

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