While it is difficult to foresee all chemicals, chemical combinations, and environments to which RPI Re-Flex TPO Roofing Membrane may be subjected, the following information is offered to help guide your decisions. The best means to determine whether a substance is compatible with the Re-Flex TPO membrane is a laboratory analysis which can take some time to perform.

Some of the following factors affect the severity of a chemical in direct exposure to RPI Re-Flex TPO Roofing membrane.

1. Higher temperatures generally have a greater effect on severity of the chemical on the membrane.
2. The concentration of the chemical has a direct effect on degree of compatibility. Usually, the greater the dilution, the greater the potential for compatibility.
3. Occasional exposure to the chemical is typically less severe than continuous exposure.

When roofs are severely contaminated with another substance, such as grease, oil or a pool of chemicals, the membrane will be affected in one way or another. It is not recommended to allow any contaminate to remain on the roof surface over time, as it will compromise the reflectivity of the membrane and allow dirt and foreign substances to build up.

The following chart is suggested to rate the relative effects of the chemical on the RPI Re-Flex TPO Roofing membrane according to the following scale:

A = Negligible effect
B = Limited effect
C = Extensive Absorption
D = Extensive Attack

** May produce cracking in material under stress.
-- No data available

Note: When a concentration is not shown, the substance is pure or concentrated.
<table>
<thead>
<tr>
<th>Environment</th>
<th>Concentration %</th>
<th>Environment</th>
<th>Concentration %</th>
<th>Environment</th>
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# RPI Re-Flex TPO
## Chemical Resistance Guide

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<th>Concentration</th>
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**NOTE:** The data shown are the result of laboratory tests and are intended only as a guide. No performance warranty is intended or implied and RPI guarantees and limited warranties do not cover damage due to oil, grease or chemicals. Ratings were determined by visual examination of coated fabric samples after contact with test fluid for 28 days at room temperature. When considering RPI Re-Flex TPO roofing membrane for a specific application, it is important to study other requirements such as permeability, service temperature, concentration, size to be contained, etc. A sample of RPI Re-Flex TPO roofing membrane should be tested in actual service before specification. When impractical, tests should be devised which simulate actual service conditions as closely as possible. Consult with RPI Technical Services Department for further recommendations. This table is presented and accepted at user's risk.