# CHEMICAL RESISTANCE OF SOF® ROD, HBR® BACKER ROD, HBR® XL BACKER ROD, FASTFLEX™, SOF® SEAL GASKETS, AND NOMAFLEX®

SOF Rod, HBR Backer Rod, HBR XL Backer Rod, Fastflex, SOF Seal Gaskets, and NOMAFLEX construction foam products are manufactured by Nomaco, Inc. located in Zebulon, NC. These products are designed for use as joint filler materials for a wide variety of applications including expansion/contraction joints, transverse or longitudinal roadway pavement joints, building envelop gaps, modular home marriage joints, window glazing and numerous sealant backing/ bond breaking purposes. Some of these applications may expose the material to a variety of harsh chemical compounds.

Manufactured from Polyethylene (PE or LDPE), Polypropylene (PP) or Polyolefin Foam (olefin blend primarily including PE or PP), **Nomaco's construction foam products have the industry's highest resistance to harsh chemicals such as Acetone, Gasoline, Motor Oil, Salt, Sodium Hypochlorite (liquid pool chlorine) and many more.**

An excellent source for chemical resistance information is the Cole-Parmer website: www.coleparmer.com/techinfo/chemcomp.asp. On this website, under "material" select "LDPE" for our (polyethylene/polyolefin) backer rod/flat rod/gasket products or select "PP" for our (polypropylene) NOMAFLEX product. Then under "chemical" select "all" or pick out a specific chemical from the list and then click the "submit" button on the middle right side of the page. This site uses a compatibility grading system from A to D. Ratings are based on a 48 hour exposure at 72°F and 120°F. The grading system is:

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| A – Excellent | No effect. |
| B – Good. | Minor effect. Slight corrosion or discoloration. |
| C – Fair. | Moderate effect. Not recommended for continuous use. |
| D – Severe effect. | Not recommended for **ANY** use. |

It is important to keep in mind that some harsh chemicals are rendered safe as part of a manufactured compound. Please don't hesitate to contact Nomaco or the chemical manufacturer for additional resistance or compatibility information.