This Chemical Resistance Comparison chart is based on theoretical information available in literature about the chemical resistance of individual elastomers. It is provided as a general guide for qualified professionals who recommend, select, specify or otherwise determine the suitability of products for worker safety. As such, the Chemical Resistance Comparison chart is advisory only and addresses the relative resistance of rubber, neoprene and PVC to degradation by the listed chemicals. This chart does not address resistance to permeation. Permeation resistance of a particular elastomer cannot be inferred based on the chemical resistance information provided in this chart. The suitability of a product for a specific application must be determined and tested by the purchaser. Norcross Safety Products L.L.C. assumes no responsibility for the suitability of an end user’s product selection for a specific application.

With NSP Triple Density Technology®, it is possible to mold three compounds in one boot. Normally, two compounds are used to make the parts of the outsole both durable and slip resistant in specific organic or inorganic substances. The third compound is used to mold job-specific boot uppers for use in harsh environments such as slaughterhouses, agri-industrial fertilizers and chemicals, petrochemicals, dairy and poultry processing, commercial fishing and processing, breweries, and other specific applications. Note the recommended job applications for Triple Density Footwear throughout this catalog. In these applications, the footwear ratings will be even better than the ratings for ordinary PVC as shown in this Chemical Resistance Chart.