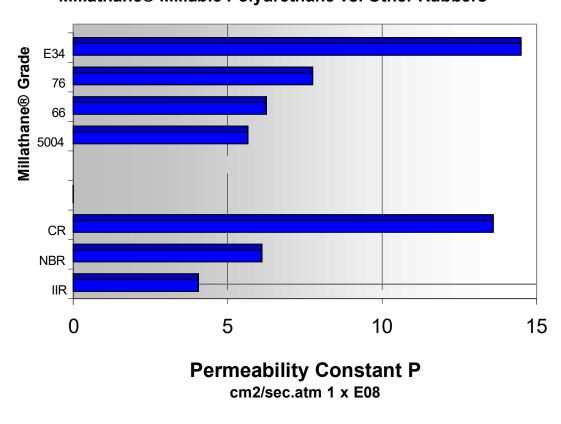


Nitrogen Permeability of Millathane® Millable Urethanes

Millable urethanes have excellent resistance to permeability of gases, in many cases only slightly inferior to butyl rubber (IIR). The chart below shows the permeability of several Millathane urethane compounds to nitrogen gas at 80°C, comparing them to butyl, neoprene (CR) and nitrile (NBR) rubbers. Polyether urethanes (e.g., Millathane E34) have generally poorer permeability resistance than polyester urethanes.



Nitrogen Permeability at 80° C Millathane® Millable Polyurethane vs. Other Rubbers

Ref: EXP1171_R2

October, 2020

The recommendations for the use of our products are based on tests believed to be reliable. However, we do not guarantee the results to be obtained by others under different conditions. Nothing in this literature is intended as a recommendation to use our products so as to infringe on any patent. Millathane and Thanecure are registered trademarks of TSE Industries, Inc.