



## 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**

