

Did You Know?

Elastomers are generally classified into three grades:

Utility

Commercial

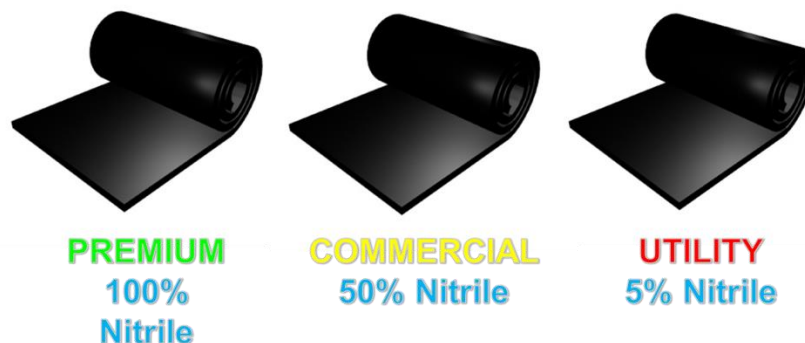
Premium

- ✓ Because there are no industry standards with regard to formulation, products can vary significantly from one manufacturer to another.
- ✓ While rubber sheet may be called “neoprene” or “nitrile”, many competitors blend lower grade polymers to make the product less expensive. Hence sacrificing physical properties, performance and safety for cost.

Figure 1: Cost Difference based on Polymer content



Figure 2: Cost driven by Polymer Content of a “nitrile” sheet



Rules of Thumb for ASTM Line Call-Outs

- ✓ The longer the call-out, the higher the quality of the material (a long number indicates extensive specification and testing).
- ✓ Low tensile strength indicates low polymer and high filler content.
- ✓ High elasticity indicates high polymer content, lower filler content and higher tensile strength.

NOT ALL RUBBER IS CREATED EQUAL!

Garlock PREMIUM GRADE rubber is what we say it is!