



## NBR-50

Commercial Grade 50 Durometer Nitrile Sheet

Advantages:

For general-purpose applications requiring oil resistance Nitrile (Butadiene Acrylonitrile, Buna-N, NBR) is the polymer of choice. It has outstanding resistance to oil, gasoline, petroleum based hydraulic fluids and hydrocarbon solvents. In addition, it can offer good resistance to alkalis and acids. Nitrile can be formulated to have a wide range of service temperatures.

Limitations:

Nitrile is not recommended for applications involving exposure to ozone, weathering, heat and sunlight. It offers poor resistance to polar solvents such as esters, ketones, chlorinated solvents, or nitro carbons.

Properties	Test Method	Typical Values
Tensile	ASTM D412	500 psi
Elongation	ASTM D412	300%
Shore "A" Durometer	ASTM D2240	50 ± 5
Temperature Range	Fahrenheit (°F)	-30 to +194
Color	Visual	Black
Finish	Visual	Smooth / Film Liner

*\*Standard RMA tolerances apply*

Availability:

- Custom Widths
- Continuous Roll Lengths

The information supplied herein is based upon information currently available on the subject. The above values are typical properties and should be used only as a guide. There are no warranties, either expressed or implied, including the warranty for fitness of use or of merchantability. It is up to the end user to determine whether the material is appropriate for the intended application.