

White Food Grade Nitrile Rubber

Product Code: Style 6110

Description: 60 Duro Food Grade Nitrile Rubber Sheet

Specifications: Nitrile rubber - copolymer of butadiene and acrylonitrile
Buna-N, NBR
21CFR177.2600 compliance
Temperature range -20°F to 170°F continuous

<u>Typical Rubber Properties</u>	<u>Test Method</u>	<u>Typical Value</u>
Hardness (Shore A)	ASTM D2240	60 ±5
Tensile Strength	ASTM D412	711 psi min
Elongation	ASTM D412	250% min
Finish	Visual	Plate/Smooth
Color	Visual	White

- Thickness & Width as specified.

General Polymer Characteristics:

Nitrile rubber is a copolymer of butadiene and acrylonitrile. In addition to its excellent elastomeric properties, it is resistant to oil, caustics, and aliphatic hydrocarbons. Its maximum temperature limit is 212° F. Nitrile Rubber is also referred to as Buna-N Rubber or NBR.

This white Nitrile compound is designed using white list ingredients for use in food grade applications and is compliant to the Code of Federal Regulations 21CFR177.2600.

Thermodyn products are manufactured to general RMA standards and meet the above data sheet guidelines. It is the responsibility of the end user to qualify the material to its intended application. Defects or damage resulting from misuse or mishandling are not covered by Thermodyn's limited liability policy. Values covered in this data sheet are nominal values that we believe to be accurate and reliable for purposes of qualification in end use applications.