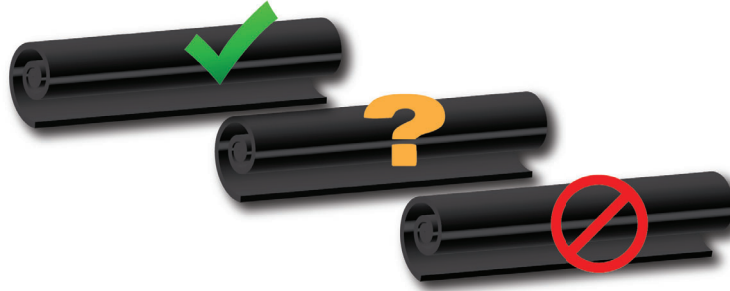


Our PREMIUM GRADE RUBBER is What We Say It Is!

Not All RUBBER is Created EQUAL!



Gasket Material Can Vary From One Manufacturer To Another

A product’s chemical resistance is largely determined by the polymer content of the material. But, there are no industry standards with regard to formulation: A manufacturer can call their rubber material “Neoprene” or “Nitrile”, as long as it contains some of the material stated. To compete with higher-quality brands, they usually blend lower grade polymers into the product to make it less expensive. This reduces the chemical resistance, and sacrifices performance and safety for lower cost. Name alone does not determine quality.

Chemical Resistance Is Determined by Polymer Count

The following chart shows the different grades for NITRILE products, but the same principle applies to EPDM, Neoprene and SBR products.

Example - NITRILE	Cost	% Nitrile	Filler Content	Fuel & Oil Resistance
PREMIUM	\$\$\$	100%	NITRILE	EXCELLENT
COMMERCIAL	\$\$	20-50%	NITRILE RUBBER BLEND	MODERATE
UTILITY	\$	5%	NITRILE SBR RUBBER BLEND	POOR

RULES of Thumb for ASTM Line Call-Outs

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

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