RK Rubber Newsletter
June 2026 – Volume 15, Issue 165

RK RUBBER®

Gaskets • Sleeves • Vulcanizing • Conveyor Belts • Fabrication • Die Cutting • Seals

Some say soccer and some say football. What we can all agree on is that at the core center of the ball, there's rubber. The same stuff that's at the core of this place. Did you just see how I made all that relevant and come together? Pretty fast on my feet... like a soccer player.

When the pressure is on, and the world is watching, that's when RK RUBBER's craftsmanship shines. We use only the finest materials to fabricate the best deliverables meeting the highest industry standards... always our goal, goal, goal!!!

Dell Gutknecht
General Manager

MATERIAL MATTERS

EPDM

EPDM rubber is generally used in applications that require outstanding weather, ozone, or temperature resistance. EPDM also has a great resistance to animal and vegetable oils, and excellent resistance to acids, alkalis, and ketones. EPDM is NOT compatible with petroleum based oils.

Elastomer	Color	Durometer Range	Tensile Strength Range (psi)	Temperature Range (Fahrenheit)	Elongation	Thickness Range (inches)
EPDM	Black	40, 50, 60, 80	800 – 1800	-55° to +350°	240% – 400%	0.03125 – 0.5

NEOPRENE

Neoprene rubber is a general purpose compound that offers oil resistance and has good chemical stability. It is also able to remain flexible over a wide temperature range. Generally, the many different grades of neoprene have a direct correlation to the actual percentage of neoprene in the compounds.

Elastomer	Color	Durometer Range	Tensile Strength Range (psi)	Temperature Range (Fahrenheit)	Elongation	Thickness Range (inches)
Neoprene	Black	20, 40, 50, 60, 70, 80	800 – 2000	-40° to +200°	100% – 400%	0.015 – 2

NITRILE BUNA – N

Buna – N has excellent resistance to petroleum-based oils. It also has good resistance to heat, abrasions, water, and gasoline. Nitrile Buna – N can be used for automotive applications

Elastomer	Color	Durometer Range	Tensile Strength Range (psi)	Temperature Range (Fahrenheit)	Elongation	Thickness Range (inches)
Nitrile Buna – N	Black	40 – 80	80 – 1000	-20° to +170°	300%	0.031 – 2

PURE GUM

Natural rubber has excellent physical properties. A true floating stock will have very good tear strength and abrasion resistance. It is also non-marking and non-toxic, and made with FDA ingredients

Elastomer	Color	Durometer Range	Tensile Strength Range (psi)	Temperature Range (Fahrenheit)	Elongation	Thickness Range (inches)
Natural Rubber	Tan, Natural	40	3000	-20° to +150°	600%	0.015 – 1

SILICONE

Silicone is an organic/synthetic compound that offers protection in temperature extremes. It is also weather and fire resistant and a great insulator. Silicone has low tensile abrasion and chemical resistance.

Elastomer	Color	Durometer Range	Tensile Strength Range (psi)	Temperature Range (Fahrenheit)	Elongation	Thickness Range (inches)
Silicone	Multiple	25 – 80	600	-80° to +450° (500° intermittent)	250% – 500%	0.010 – 1

WHITE NITRILE

White nitrile is manufactured from FDA-approved ingredient, such as food, pharmaceutical, and cosmetic processing. White nitrile offers good abrasion resistance and handles oily and greasy products well.

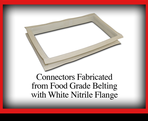
Elastomer	Color	Durometer Range	Tensile Strength Range (psi)	Temperature Range (Fahrenheit)	Elongation	Thickness Range (inches)
White Nitrile	White	40, 60	1000 – 1700	-25° to +190°	400%	0.015 – 0.025

More materials available at RKRUBBER.COM

WORLD CLASS FABRICATION

We use our **knowledge and fabrication experience** in order to understand each application, select the best materials and offer the most cost-effective manufacturing processes based on each customer's needs.

Black Neoprene Sleeve



Connectors Fabricated from Food Grade Belting with White Nitrile Flange

USA! USA! USA!

When we say MADE IN AMERICA, you can expect **superior product quality** and a shorter, more reliable turnaround time. Tough to beat.

FOOTBALL FEVER HITS THE SHOP FLOOR, AND NOTHING GETS IN WHEN BIG DAVE IS THE GOALIE!

EXPERIENCE = Solutions

RK Rubber offers immediate phone quotes. Contact us today!
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