

# Detectomer<sup>®</sup> Buna

Property	Value
Base Polymer	Proprietary - Buna N X-rayable and Metal Detectable
Color	Blue
Specific Gravity	1.57/1.59
Hardness, Shore A-2	65/75
Tensile Strength, psi	1400
Ultimate Elongation %	450
Temperature Range	-22°F to 212°F (-33°C to 100°C)

Detectomer Buna is a Buna N based polymer with select additives designed to provide metal as well as x-rayable detection. The Buna N base offers excellent resistance to petroleum based oils, fuels, silicone greases, hydraulic fluids, water, and alcohols. This compound is approved FDA.

The preceding data gives the typical properties of Blue Buna N material. These are typical properties and should not be used for specification purposes. This information is based on our experience to date and we believe it to be reliable. It is intended to be used as a guide at your discretion and risk. Rubber Fab cannot guarantee favorable results and assumes no liability in connection with the use of this product. None of this information is to be taken as a license to operate under, or a recommendation to infringe any patents.

**Rubber Fab**

a Garlock Hygienic Technologies company

26 Brookfield Drive | Sparta, NJ 07871

866.442.2959 | Fax: 973.579.7275

[www.rubberfab.com](http://www.rubberfab.com) | [sales@rubberfab.com](mailto:sales@rubberfab.com)

# Detectomer® EPDM

Property	Value
Base Polymer	Proprietary - Ethylene Propylene Copolymer and Terpolymer EPDM X-rayable and Metal Detectable
Color	Blue
Specific Gravity	1.65-1.67
Hardness, Shore A-2	65/75
Tensile Strength, psi	900
Ultimate Elongation %	250
Temperature Range	-58°F to 302°F (-50°C to 150°C)

Detectomer® EPDM is an Ethylene Propylene base (EPDM) polymer with select additives designed to provide metal as well as x-rayable detection. EPDM base polymers offer excellent resistance to hot water, and silicone oils and greases. This compound is approved FDA.

The preceding data gives the typical properties of Detectomer® EPDM material. These are typical properties and should not be used for specification purposes. This information is based on our experience to date and we believe it to be reliable. It is intended to be used as a guide at your discretion and risk. Rubber Fab cannot guarantee favorable results and assumes no liability in connection with the use of this product. None of this information is to be taken as a license to operate under, or a recommendation to infringe any patents.

## Rubber Fab

a Garlock Hygienic Technologies company

26 Brookfield Drive | Sparta, NJ 07871  
866.442.2959 | Fax: 973.579.7275

[www.rubberfab.com](http://www.rubberfab.com) | [sales@rubberfab.com](mailto:sales@rubberfab.com)

# Detectomer® FKM

Property	Value
Base Polymer	Proprietary - Fluorocarbon X-rayable and Metal Detectable
Color	Blue
Specific Gravity	2.04 +/- 0.04
Hardness, Shore A-2	65/75
Tensile Strength, psi	1000
Ultimate Elongation %	150
Compression set, Method B, 70 hrs @ 212°F	29.8%
Temperature Range	2°F to 392°F (-16°C to 200°C)

Detectomer® FKM is a Fluoroelastomer based blue material with additives to provide metal and x-rayable detection. The FKM base offers excellent high heat resistance as well as resistance to most fuels and oils; whereas, the additional additives provides detection of foreign materials. This compound is approved FDA.

The preceding data gives the typical properties of Detectomer® FKM material. These are typical properties and should not be used for specification purposes. This information is based on our experience to date and we believe it to be reliable. It is intended to be used as a guide at your discretion and risk. Rubber Fab cannot guarantee favorable results and assumes no liability in connection with the use of this product. None of this information is to be taken as a license to operate under, or a recommendation to infringe any patents.

## Rubber Fab

a Garlock Hygienic Technologies company

26 Brookfield Drive | Sparta, NJ 07871  
866.442.2959 | Fax: 973.579.7275

[www.rubberfab.com](http://www.rubberfab.com) | [sales@rubberfab.com](mailto:sales@rubberfab.com)

# Detectomer<sup>®</sup> Silicone

Property	Value
Base Polymer	Proprietary - Silicone Rubber X-rayable and Metal Detectable
Color	Blue
Specific Gravity	1.45 +/- 0.50
Tensile Strength, psi	1000
Ultimate Elongation %	475
Temperature Range	-70°F to 390°F (-56°C to 199°C)

Detectomer<sup>®</sup> Silicone is a silicone base polymer with select additives designed to provide metal as well as x-rayable detection. Silicone based polymers offer excellent overall temperature range and show excellent heat resistance which is utilized in applications that are exposed to high temperature dry heat. Silicone polymers exhibit excellent low temperature flexibility and can be used in static applications as low as -70°F (-56°C). This compound is approved FDA.

The preceding data gives the typical properties of Detectomer<sup>®</sup> Silicone material. These are typical properties and should not be used for specification purposes. This information is based on our experience to date and we believe it to be reliable. It is intended to be used as a guide at your discretion and risk. Rubber Fab cannot guarantee favorable results and assumes no liability in connection with the use of this product. None of this information is to be taken as a license to operate under, or a recommendation to infringe any patents.

## Rubber Fab

a Garlock Hygienic Technologies company

26 Brookfield Drive | Sparta, NJ 07871  
866.442.2959 | Fax: 973.579.7275

[www.rubberfab.com](http://www.rubberfab.com) | [sales@rubberfab.com](mailto:sales@rubberfab.com)