



GARDICO INCORPORATED

**Style 0107
Commercial Nitrile Rubber
(NBR)**

CONSTRUCTION

Style **0107** is primarily used in applications requiring resistance to oils, fuels, and solvents. Hardnesses are available from 40 to 80 Shore A durometer with performance meeting ASTM D2000-BF; thicknesses range from 1/32" to 1". The specific gravity is 1.4 (40% heavier than water); the color is black and the finish is smooth.

APPLICATION / SERVICE

Style **0107** is a good elastomeric material that has numerous applications in gaskets, pads and seals in fuel and lubrication environments. White FDA nitrile (style 0108) is available for food processing applications.

PRODUCT DATA

Temperature Limits

-30° to +200° F

***Tensile Strength, psi:
60A***

<u>typical</u>	<u>minimum</u>
1000	900

Elongation, ultimate:

300% Minimum

Pressure, psi (bar):

150 (10)

Available Sheet/ roll Sizes:

Thickness: standard 1/16", 1/8", 1/4"

Thickness: non-standard 1/32", 3/32", 3/16", 3/8", 1/2", 3/4", 1" (see table for tolerances on thickness)

Sheet widths: 36" +1/-1/2, 48" +1-1/2

Non-standard hardnesses are available from 40 to 80 Shore A durometer scale in some thicknesses.