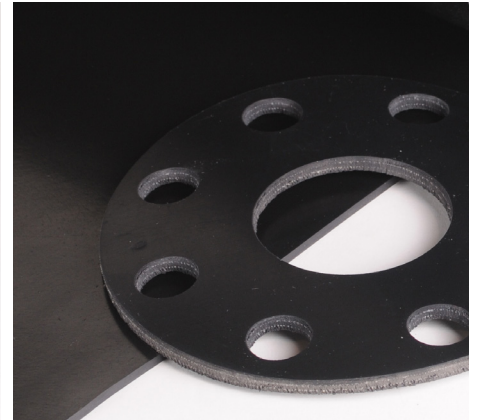


Rubber Gasket Products

AP STYLE 480

**CURTISS -
WRIGHT**



AP Style 480

AP Services, a product and service brand of Curtiss-Wright, has state-of-the-art gasket manufacturing technology using CNC driven water jet cutters. Nitrile rubber (NBR) or Buna N is the general term for acrylonitrile butadiene copolymer. The acrylonitrile content of nitrile sealing compounds varies considerably (18% to 50%) and influences the physical properties of the finished material. The higher the acrylonitrile content, the better the resistance to oil and fuel. At the same time, elasticity and resistance to compression set is adversely affected. In view of these opposing realities, a compromise is often drawn, and a medium acrylonitrile content selected. Style 480 is a smooth plate finish sheet manufactured from a Nitrile based Compound.

Buna N rubbers have good oil and gasoline resistance, tensile strength, elongation properties, heat resistance, and low compression set. This rubber works well on many acids, petroleum, mineral and vegetable oils.

Examples of conditions where the use of Buna N should be avoided are: Fuels of high aromatic content, aromatic and chlorinated hydrocarbons, ketone, acetone, acetic acid, ethylene-ester, strong acids, brake fluids, and ozone, weather and atmospheric aging environments.

Style 480 is available in sheets, bulk rolls, and pre-cut gaskets.

Buna N can be manufactured in numerous different durometer ratings. Please call with your specific requirements.

This material can be manufactured in numerous different compounds and durometer ratings. Please call with your specific requirements.

Typical Properties

Temperature Range
-20 °F to +170 °F
Durometer
60 (+/-5) Shore A
Weight
1/8" 8.5 lb./sy.
ASTM Callout
D 2000
Thickness
1/32", 1/16", 1/8", 3/16", 1/4", (other thicknesses available upon request)
Sheet Sizes
36" and 48" width (other sizes available upon request)

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