

## Non Asbestos Sheet BA-50

### Description:

BA-50 is a versatile 100 % non-asbestos material. It is manufactured from aramid fibres and mineral fillers bound with nitrile rubber (NBR).

The colour is green and the material is available graphitized on one or both sides.

Specifications	Values
Density	1.8 g/cm <sup>3</sup>
Maximum application temperature	280 °C
Continuous service temperature	220 °C
Tensile Strength      DIN 52 910	9 N/mm <sup>2</sup>
Compressibility ASTM F36/J	8 %
Recovery ASTM F36/J	45 %
<b>ASTM fuel B - after 5 hours at 23 °C:</b>	
Thickness increase	10 %
<b>ASTM oil no. 3 - after 5 hours at 150 °C:</b>	
Thickness increase	10 %

### End use applications:

BA-50 is ideally suited for applications in compressors, combustion engines and plants or systems with higher flange loading.

The material is resistant to air, water, brine, steam (below 180 °C), organic and weak inorganic acids, lubrication oil, diesel oil, including bio diesel, gasoline, ethanol, methanol, animal fats, vegetable oils, and aromatic and chlorinated solvents.

### Approvals:

DVGW, KTW, SVGW, WRc/WRAS, German Lloyd

Complies with food legislation as specified in EU Regulation No. 1935/2004

**Material thicknesses:** 1.0 - 1.5 - 2.0 - 3.0 mm

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The function and durability of gaskets are highly dependent on the application and the medium. Since the conditions of use are beyond our control, Elwis Royal can only be held responsible for the characteristics of the material and for the geometrical design of the gasket.