

Technical Data Sheet

FLEXOID - PAPER

Treated Paper Gasket Material

Material Details:

Flexoid Paper is a cellulose based soft jointing material used for sealing against petrol, oil and water. It is manufactured by special impregnation with platised gelatine and other chemicals to achieve excellent oil and fuel resistant properties.

Application:

Flexoid Paper is suitable for a variety of automotive applications where the sealing is required with uneven and light sealing loads. Generally used in Carburettors, Fuel Pumps, Front Plate, Oil Pumps, Oil Filter, Side Cover, Timing Cover, Thermostat, Water Pump, Gear Box Covers, Axle Covers, Hub Caps etc. It has limited usage against steam, alkalies and chemicals.

Form of supplies:

In rolls of 1000mm width

Nominal thickness in MM:

0.25; 0.40; 0.8; 1.5 & 3.0mm

Colour:

Brown

Basic Properties:

Density	:	0.7 - 0.80
Compressibility at 70 kg/cm ² /(1000psi)	:	25% - 40%
Recovery (Min.)	:	40%
Tensile Strength (Min.)	:	138Kg/cm ² (2000psi)
Max. Recommended Temperature	:	120°C

Fluid Ageing Properties after 22 hrs @ 21°C-30°C	Max. Weight Increase %	Max. Thickness Increase %
In ASTM Oil No. 3	15	5
In ASTM Fuel B	15	5
In Distilled Water	90	30

Specification Compliance:

1. ASTM D1170 - 62T P3313B
2. ASTM E104 - 76 F326128 - M6
3. BS 4249 - 1967

Please Note: All information and recommendations given in this brochure are correct to the best of our knowledge. Since conditions of use are beyond our control, the information provided can only serve as a guideline. Users must satisfy themselves that products are suitable for the intended process and use.