

TEXOID

COMPOSITION:

Plasticised gelatine impregnated material, cellulose based.

CHARACTERISTICS:

ADVANTAGES

Very economical. Price factor important when dealing with original equipment and replacement markets.

Excellent oil and fuel resistance.

Seals better at lower cost.

Available in roll or sheet form over a wide range of thicknesses.

LIMITATIONS

Stored gaskets must be protected from wide changes of humidity and temperature to prevent dimensional change.

Not suitable for alkalis, acids and steam.

Maximum recommended service temperature 120°C.

USES:

Prime market; automotive.

Limited uses in industrial markets because of relatively low heat and chemical resistance compared with asbestos materials.

Because of its ability to seal against petrol, oil and water at low cost, Texoid is used extensively by leading British, European and US automobile manufacturers.

Texoid has a major market share in the big four of the European Economic Community, ie UK, Germany, France and Italy.

BASIC ENGINE

Carburettor, Fuel Pump, Front Plate, Oil Pump, Oil Filter, Side Cover, Timing Cover, Thermostat, Water Pump.

GEARBOX

Input Shaft, Exit Housing, Top Cover, Gearbox to Clutch.

REAR AXLE

Axle Cover, Axle Shaft.

MATERIAL SPECIFICATION:

Maximum Recommended

Service Temperature	120°C	250°F
Colour	Brown	
Compressibility		
at 70kg/cm ³ (1000 psi)	25%-40%	
Recovery	40% Min	
Tensile Strength across grain	13.79 MN/m ²	2,000 psi Min
Fluid Ageing Properties		
after 22 hours at 21°C (70°F)		
to 30°C (85°F)		
ASTM Oil Number 3	Weight increase 15% Max	Thickness increase 5% Max
ASTM Fuel B	Weight increase 15% Max	Thickness increase 5% Max
Distilled Water	Weight increase 90% Max	Thickness increase 30% Max