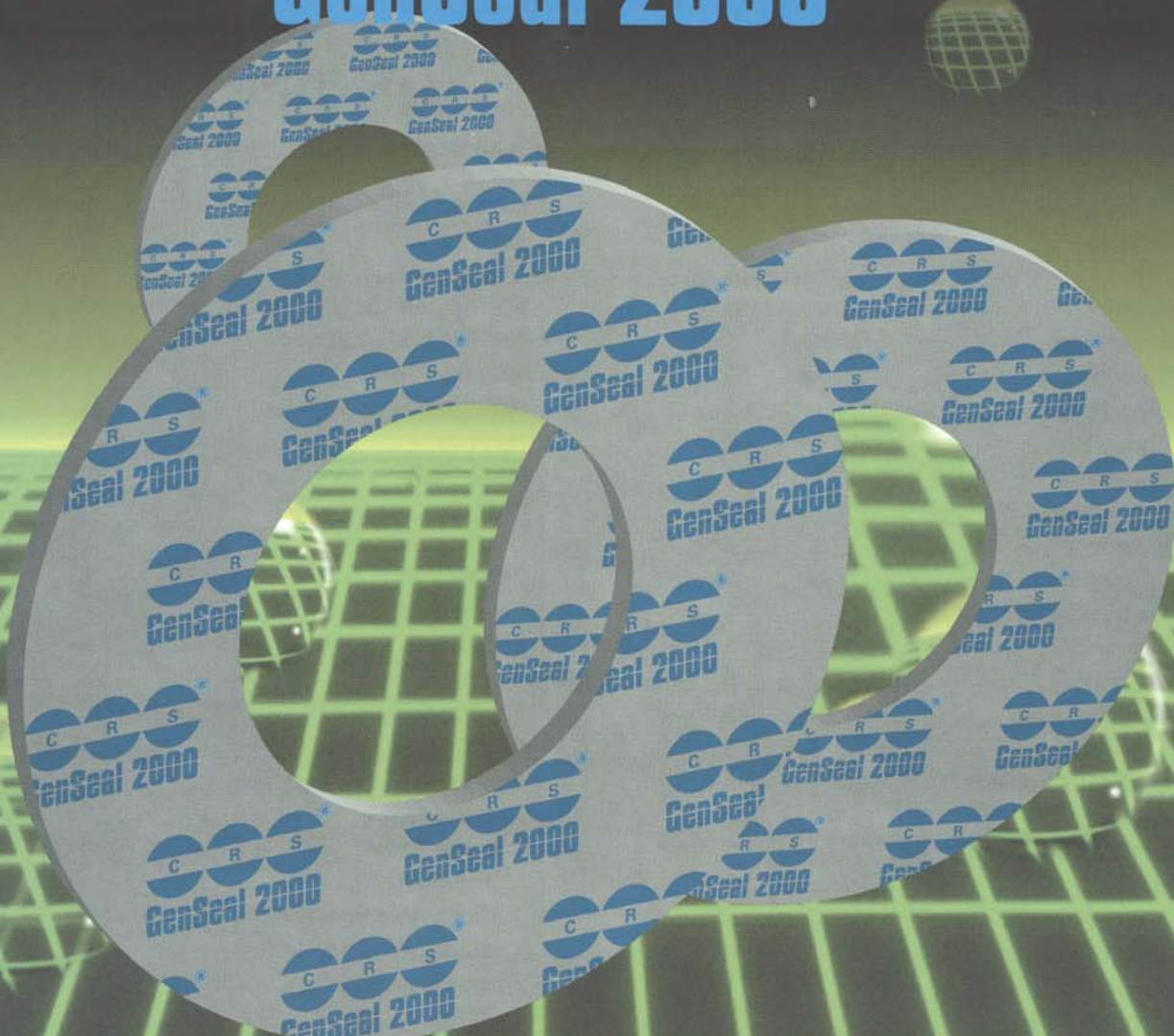




GenSeal 2000[®]



Genseal 2000 is the latest addition to the range of asbestos free sealing materials from CRS.

Created for general service applications GenSeal 2000 is a high performance, high density third generation nitrile bonded aramid fibre material.

The material exhibits excellent compressibility, recovery, plus low creep relaxation and is supplied at an economical price.

Physical property	Typical Data
Max. Temperature	350°C
Max. Steam Temperature	180°C
Max. Pressure	80 BAR
Density, g/cc	1.65
Compressibility, 500psi, % range	10-20
Recovery, %min.	40
Tensile CMX, psi	3000
Flexibility (12x max), cracks	No cracks
Creep/Relaxation, %max. @212°F(100°C)	12
Sealability, Fuel A, (500/15), ml/hr	.15
Sealability, Nitrogen, (3000/30), ml/hr	.25
Oil #3 @5hrs./300°F (149°C)	
Thickness Increase %max.	6
Fuel B @5hrs./70°F (23°C)	
Thickness Increase %max	10
Colour	Green

For further details or to arrange an appointment:



A Unit of Robbins & Myers U.K. Limited

Chemical Reactor Services, Unit 5, Lyon Road Industrial Estate, Kearsley, Bolton, Lancs BL4 8TG



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GENSEAL 2000 CHEMICAL COMPATIBILITY TABLE

Chemical	Suitability	Chemical	Suitability
Acetic Acid	F	Linseed Oil	S
Acetone	F	Methane	S
Air	S	Methanol	S
Alum	S	Methylene Chloride	NR
Ammonia	S	Methyl Ethyl Ketone	NR
Benzene	S	Mineral Oil	S
Bleach, Chlorine	S	Nitrogen	S
Boiler Water	S	Naptha	S
Borax	S	Nitric Acid	NR
Boric Acid	S	Octane	S
Butane	S	Oxalic Acid	F
Carbon Dioxide	S	Pentane	S
Carbon Tetrachloride	S	Perchlorethylene	F
Castor Oil	S	Petroleum	S
Chlorine	S	Phenol	S
Chromic Acid	F	Phosphoric Acid	S
Citric Acid	S	Propane	S
Copper Sulphate	S	Pyridene	NR
Creosote	NR	Silicone Oil	S
Diesel Fuel	S	Silicone Resin	S
Detergents	S	Saline Water	S
Ethanol	S	Sodium Aluminate	S
Ethylene Glycol	S	Sodium Chloride	S
Freon (R-12/R-22)	S	Sodium Hydroxide	NR
Formaldehyde	S	Sodium Silicate	S
Formic Acid	S	Steam	F
Fuel Oil	S	Sulphur Dioxide	S
Glycerine	S	Sulphuric Acid	NR
Heptane	S	Tannic Acid	S
Hydrochloric Acid	NR	Toluene	S
Hydrogen	S	Transformer Oil	S
Hydrogen Peroxide	S	Trichlorethylene	F
Iso-octane	S	Turpentine	S
Isopropyl Alchohol	S	Water	S
Kerosene	S	Xylene	S

KEY

S = Satisfactory
 F = Fair
 NR = Not Recommended

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The information contained in this chart is offered as a general guide for the suitability of GenSeal 2000 in various environments. As with any material selection, end users should satisfy themselves, through their own testing that any material is suitable for use in their particular application.