



DIRECT GASKETS LIMITED
UNITS 26 - 36
DANSOM LANE SOUTH
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FLEXOID OIL PAPER

DESCRIPTION

Light brown in colour and very flexible, like paper. Most commonly used in the Motor industry, oil paper has a wide variety of uses, for example: gearbox and basic engine gaskets.

SERVICE

Oil & fuel resistant, available in a wide range of thicknesses and for a very reasonable price.

Max recommended temperature : 120°C

SHELF LIFE

Oil paper should be stored in reasonably controlled environments. The manufacturer recommends 10-20°C and relative humidity of 50 to 65%. If the material absorbs too much moisture, it will damage the structural integrity.

If all of these storing recommendations are used, oil paper can have a shelf life of 5 years.

STOCK

Available from stock ranging from 0.15mm (0.006") to 3.2mm (0.125"). Roll lengths are subject to thickness \pm 1%. All rolls as standard are 1 metre wide.

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION



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PROPERTY	TEST METHOD	UNIT	VALUE
Moisture Content	15 min @ 100°C	%	8-14
Thickness	ASTM F104	mm	±10%
Compression	ASTM F36	%	25-40
Recovery	ASTM F36	%	40 min
Tensile Strength	ASTM F152	Mn/m ²	13.79
IRM 903 Oil Weight Increase	ASTM F146	%	15 max
IRM 903 Oil Thickness Increase	ASTM F146	%	5 max
Fuel B Weight Increase	ASTM F146	%	15 max
Fuel B Thickness Increase	ASTM F146	%	5 max
Water Weight Increase	ASTM F146	%	90 max
Water Thickness Increase	ASTM F146	%	30 max

ALL RESULTS BASED ON 0.8mm THICKNESS. REFER TO ASTM F104 SECTION 7

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FLEXOID OIL PAPER - FLUID RESISTANCE CHART

KEY: 1 - GOOD RESISTANCE | 2 - MEDIUM RESISTANCE | 3 - NOT RESISTANT

ACETONE	2	DIBUTYL PHTHALATE	1	LINSEED OIL	1
ACIDS INORGANIC	3	ETHER	2	LUBRICATING OIL	1
ALCOHOLS	1	ETHYL ACETATE	1	METHYL ETHYL KETONE	1
ALKALIS	3	ETHYLENE GLYCOL	1	NITROBENZENE	1
AMMONIA	3	FORMALDEHYDE	1	PHENOL	1
ANILINE	1	FREON 12 AND 22	3	PROPANE	1
BENZENE	1	FUEL OIL	1	PROPANE GLYCOL	1
BUTANE	1	GASOLINE	1	SODIUM SILICATE	1
BUTYL ACETATE	1	GLYCERINE	1	STEAM	3
CARBOLIC ACID	1	GREASES	1	TOLUOL	1
CARBON DIOXIDE	1	HYDROGEN	1	TRICHLOROETHYLENE	1
CARBON TETRACHLORIDE	1	HYDROGEN PEROXIDE	2	VEGETABLE OILS	1
CHLORINATED SOLVENTS	1	HYDROGEN SULPHIDE	1	WATER/SEA WATER	2
CRESOL	2	INKS	1	WHITE SPIRIT	1
DETERGENTS	1	KEROSENE	1	XYLOL	1

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