



JAMES WALKER
HIGH PERFORMANCE SEALING TECHNOLOGY

Cut Gasket Division
Material Data Sheet

JW MATERIAL DESIGNATION **332C**

POLYMER TYPE Natural rubber with scrim insertion

COLOUR Black

SURFACE FINISH Cloth

MAXIMUM OPERATING TEMPERATURE 80°C

MINIMUM OPERATING TEMPERATURE Minus 30°C

CHEMICAL RESISTANCE

Generally suitable for use with the following:

Dilute alkalis	Silicone greases	Water
Lower alcohols	Silicone oils	

The recommendations referred to in the above list are intended only as a guide and may be influenced by factors such as temperature and pressure. For further information regarding chemical resistance, please contact the laboratory at the address below.

SHELF LIFE

5 years from date of cure when stored in accordance with BS 3574: Latest issue.

THICKNESS AVAILABILITY (mm)

1.5, 2.0, 3.0, 5.0, 6.0 (stock items).

2nd October 1996
Issue 2

332C

PHYSICAL PROPERTIES

	<u>Typical results</u>
Apparent hardness, IRHD	65 \pm 5
Density, Mg/m ³	1.5 \pm 0.2
Tensile strength, MPa	3
Elongation at break, %	150
Compression set, % (24hrs @ 70°C)	35

Air ageing

(7days @ 70°C)

i) Hardness change, IRHD	\pm 5
ii) Change in tensile strength, % of original value	-15
iii) Change in elongation at break, % of original value	-30

SPECIAL PROPERTIES

The fabric scrim in 332C gives it additional strength and restricts spread under compression.

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A comprehensive cut gasket service covering this material and many others is available from the Cut Gasket Division.

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