



# DATA SHEET

## Blue PTFE with Microspheres YG- B

### INTRODUCTION

YG-B is a high quality, biaxially orientated PTFE sealing material filled with glass microspheres.

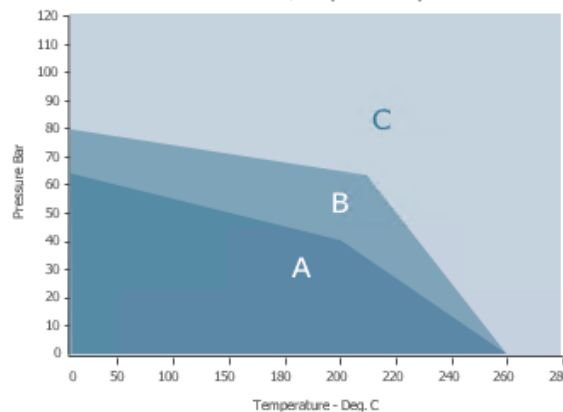
### APPLICATION

YG-B is a highly compressible material suitable for steel, glass-lined, ceramic or plastic coated flanges. It is suitable for sealing all chemicals across the whole pH range, except molten alkali metals, fluorine or hydrogen fluoride.

TYPICAL PHYSICAL PROPERTIES		
THICKNESS		1.5mm
DENSITY		1.4g/cc
TENSILE STRENGTH	ASTM F152	10MPa
COMPRESSION	ASTM F36J	38%
RECOVERY	ASTM F36J	>32%
RESIDUAL STRESS	DIN52913 (50N/mm <sup>2</sup> @ 175°C)	26 MPa
GAS LEAKAGE	BS7531	0.5 ml/min
CREEP RELAXATION	ASTM F38	33%
LIQUID LEAKAGE	ASTM F37	0.22ml/min

AVAILABILITY	
THICKNESS	0.75MM TO 6.0MM
SHEET SIZE	1500MM X 1500MM, 1800MM X1800MM
SPECIFICATION	Conforms with FDA 21 CFR 177.1550 ABS (19-LD1869901-PDA)
COLOUR	BLUE

PC-B Pressure / Temperature Graph



A = Suitable subject to chemical compatibility  
 B = Please contact our Technical Team  
 C = Not Suitable

 Yorkshire Gaskets Ltd

 @gaskets247



CERTIFICATE NO. 14235  
ISO9001

The information given is based upon average values and is in no way intended as a warranty. The purchaser shall be responsible for determining the suitability of the product for any particular application.