



# DATA SHEET

## Carbon Fibre Non-asbestos YG- C

### INTRODUCTION

YG-C is a premium quality grade of compressed nonasbestos sheet material based on aramid and carbon fibre with a high quality nitrile binder.

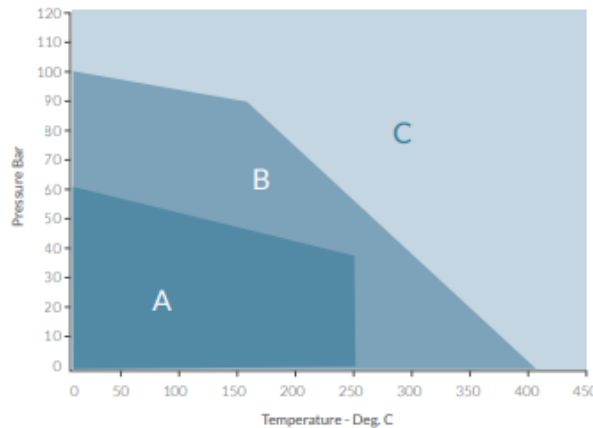
### APPLICATION

YG-C is an outstanding material that exceeds the requirements of BS 7531 Grade X. The material has excellent temperature resistance and is suitable for alkalis, hydrocarbons, fuels, refrigerants, steam and many other fluids.

TYPICAL PHYSICAL PROPERTIES		
THICKNESS		1.5mm
DENSITY		1.75g/cc
TENSILE STRENGTH	ASTM F152	13MPa
COMPRESSION	ASTM F36J	7% to 15%
RECOVERY	ASTM F36J	60%
RESIDUAL STRESS	BS7531 (40N/mm <sup>2</sup> @ 300°C)	25 MPa
GAS LEAKAGE	BS7531	0.5 ml/min
ASTM OIL 1	ASTM F146	2.5%
ASTM OIL 3	ASTM F146	5.0%
ASTM FUEL B	ASTM F146	4.0%

AVAILABILITY	
THICKNESS	0.25MM TO 6.0MM
SHEET SIZE	1500MM X 1500MM, 4500MM X 1500MM 1900MM X 1900 MM, 3800MM X 3800MM
SPECIFICATION	BS7531 GRADE X
COLOUR	BLACK

PG-C Pressure / Temperature Graph



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



Yorkshire Gaskets Ltd



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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.