



INTRODUCTION

Yorkshire Gaskets Grade YG-W is a high quality, biaxially orientated sealing material based on PTFE with barium sulphate. This is a high performance material for use across a wide range of chemicals. YG-W is particularly suited to sealing strong caustics, hydrofluoric acid, chlorine and aluminum fluoride.

DATA SHEET

White Filled PTFE YG – W

PROPERTIES	TEST METHOD	VALUE
THICKNESS		1.5MM
DENSITY		3.0g/cc
TENSILE STRENGTH	ASTM F152	14 MPa
COMPRESSION	ASTM F36 J	4%
RECOVERY	ASTM F36 J	>40%
RESIDUAL STRESS	DIN 52913 (50N/mm ² @ 175°C)	31 MPa
GAS LEAKAGE	BS7531	0.05 ml/min
CREEP RELAXATION	ASTM F38	20%
LIQUID LEAKAGE	ASTM F37	0.2 ml/hr

SPECIFICATION: Conforms with FDA 21 CFR 177.1550

COLOUR: White

TEMPERATURE RANGE: -268°C to +260°C

PRESSURE: Max 1200 psi (83 Bar)

AVAILABILITY

- Supplied in sheets 1500mm x 1500mm and 1800mm x 1800mm
- Thickness : 0.75mm to 6.00mm



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.