



DATA SHEET

NITRILE RUBBER SHEETING : GRADE YG-400

Yorkshire Gaskets Grade	YG-400
Colour	BLACK
Material Grade	COMMERCIAL NITRILE RUBBER



Yorkshire Gaskets Grade YG-400 is a general purpose Synthetic Rubber. Generally resistant to Oils, Solvents and Greases. Available in hardness range 40 - 80 shore A.

PROPERTIES	TEST METHOD	VALUE
BASE POLYMER	SBR/NBR	
HARDNESS	ASTM D2240 00	60° SHORE 'A'
TENSILE STRENGTH	ASTM D412	3 MPa
SPECIFIC GRAVITY	ASTM D792	1.5 g/cm ³
ELONGATION @ BREAK	ASTM D412	250% min
Min Continuous Working Temp		-20° C
Max Continuous Working Temp		70° C
Max Intermittent Working Temp		90° C
Compression Set (70° for 22 hours)	ASTM D395 METHOD B	35% Max

GENERAL GUIDELINES FOR USE

ABRASION RESISTANCE	MODERATE
GENERAL PURPOSE	GOOD
FOOD USE	NOT RECOMMENDED
OZONE WEATHER RESISTANCE	NOT RECOMMENDED
FLAME RETARDENCY	NOT RECOMMENDED
ELECTRICAL RESISTANCE	NOT RECOMMENDED

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.