



DATA SHEET

NITRILE RUBBER SHEETING : GRADE YG-410

Yorkshire Gaskets Grade	YG-410
Colour	BLACK
Material Grade	NITRILE RUBBER BS2751 BA60



Yorkshire Gaskets Grade YG-410 is a High grade Nitrile Rubber to British Standard Specification BS2751 BA60. Good resistance to Oils, Solvents & Greases.

PROPERTIES	TEST METHOD	VALUE
BASE POLYMER	NBR	
HARDNESS	ASTM D2240 00	60° SHORE 'A'
TENSILE STRENGTH	ASTM D412	8.4 MPa
SPECIFIC GRAVITY	ASTM D792	1.25 g/cm ³
ELONGATION @ BREAK	ASTM D412	400% min
Min Continuous Working Temp		-25° C
Max Continuous Working Temp		70° C
Max Intermittent Working Temp		90° C
Compression Set (70° for 22 hours)	ASTM D395 METHOD B	25% Max

GENERAL GUIDELINES FOR USE

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

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.