



INTRODUCTION

The versatility of KG - EN150 rests on the fact that, while only moderately resistant to petrol and similar hydrocarbons, it is highly resistant to oil and other chemicals. At the same time it can be supplied in a range of thicknesses and as a fire retardant substance and, depending on the grade utilised, can withstand temperatures ranging from -40°C to 110°C.

Sometimes known as Chloroprene, KG -EN150 has a closed cell structure and is extremely flexible. Making it the ideal substance to provide a seal against gases, liquids and particles.



**CERTIFICATE NO. 19809
ISO9001**

DATA SHEET

Expanded Neoprene Sponge KG- EN150

KG – EN150 DETAILS	
POLYMER	CR (NEOPRENE)
CELL STRUCTURE	CLOSED – FINE CELL
DENSITY (ISO 485 – 88 – ASTM D3575)	150kg/ m3 AVG RE42 – ASTM D1056 – 78 (2A2)
SHORE HARDNESS (OO)	40
TEMPERATURE LIMITS	-40° C TO 110°
TENSILE STRENGTH > DIN 53577	5.0 N.cm2 (APPROX)
COMPRESSION DEFLECTION > ASTM D1056	40 KPa (APPROX)
WATER ABSORPTION > ASTM D1056	2% VOLUME
ULTIMATE ELONGATION	>160%

RESISTANCE	
OZONE > DIN 53509	EXCELLENT
AIR & UV	EXCELLENT
FIRE / FLAMMABILITY > FMVSS302	PASS
OIL	MEDIUM / GOOD
ACIDS	MEDIUM / GOOD
ODOUR	NEGLIGIBLE
ENVIRONMENTAL PROTECTION	CFC & HFC FREE - RECYCLABLE

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.