



DATE: 1/1/03

**NEOPRENE / NYLON DIAPHRAGM SHEET
J-FLEX QUALITY NO: HN46 – 2.5MM THICK**

MATERIAL SPECIFICATION:

2.50mm Thick Neoprene /Nylon Diaphragm Sheet - Smooth Finish Suitable for many applications including compressed air, water, oxygen and ozone.

SPECIFICATION DETAILS

- ♦ **POLYMER TYPE** : **POLYCHLOROPRENE (NEOPRENE)**
- ♦ **COLOUR** : **BLACK**
- ♦ **TEXTILE TYPE** : **100 % NYLON**
- ♦ **NO. OF PLYS** : **2**
- ♦ **FINISHED THICKNESS** : **2.50mm (+/-0.25)**
- ♦ **TENSILE BREAKING STRENGTH** : **400Kg / 50mm Warp**
- ♦ **TENSILE BREAKING STRENGTH** : **350Kg / 50mm Weft**
- ♦ **APPROX. BURST STRENGTH** : **>700 p.s.i.
(Tested to BS EN 12332-2:2002)**

OPERATING TEMPERATURE : -30° to + 100°C

Notes: Good resistance to atmospheric ageing, alcohols, dilute acids and bases, salt solutions, light motor oils, flex cracking.

Typical uses are thin gauge diaphragms, gaskets and fabrication requiring burst strength and good flexibility.

Check out the download area of our website
www.j-flex.co.uk for other product information



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