



شركة المطاط العالمية ذ.م.م.  
INTERNATIONAL RUBBER COMPANY (L.L.C.)

**DATA SHEET**

**LAMINATED ELASTOMERIC BEARING PAD**

- Material** : Elastomer Neoprene Synthetic Rubber
- Function** : Support of live & dead loads, supporting longitudinal movements, accommodating girder rotations.
- Types** : Multiple reinforcing steel plates, sizes as per customer requirements

**General Physical Properties**  
**(BS 5400)**

Properties	Specifications	Test Method
Hardness (Shore A)	60 ± 5	BS903, Part A26
Tensile Strength (MPa)	15.5 Min.	BS903,Part-A2
Elongation Break %	350 Min.	BS903,Part-A2
Heat Ageing, 70 hrs @ 100°C Change in Hardness, points Change in Tensile Strength, % Change in Elongation,%	+15 Max. + 15 Max. + 40 Max.	BS903 Part A19 BS903, Part A26 BS903,Part-A2 BS903,Part-A2
Compression Set - 22 Hours at 100° C	35 % Max.	BS903, Part-A6
Low Temperature Brittleness, Impact Brittleness	< - 25°C	BS903 Part A25
Ozone Resistance 20% Stretch 30° C 25 PPHM 96 Hrs.	No visible cracks	BS903, Part-A43
Low Temperature Crystallization Compression Set; 10 days @ -10°C, % Compression Ser, 3 days @ -25°C, %	65 Max. 65 Max.	BS903 Part A39

**International Rubber Co.** has developed **Laminated Elastomeric Bearing Pads** with Neoprene rubber. Neoprene Bearings are more common due to their durability, simple details and maintenance free qualities. With in-house Tool Room and R & D facilities, the response time to new Developments is very short.

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ص.ب : ٢٧١٤٠، دبي، الامارات العربية المتحدة هاتف : +٩٧١ ٤ ٨٨٥٩٨٨٠، فاكس : +٩٧١ ٤ ٨٨٥٩٨٩٠  
P.O. Box 27140, Dubai, U.A.E. Tel.: +971 4 8859880, Fax: +971 4 8859890  
E-mail: [ircruber@emirates.net.ae](mailto:ircruber@emirates.net.ae). Website: <http://www.intrubber.com>



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