



Latex Free Dental Dam Technical Data Sheet

Typical Properties

• Tensile Strength	12.0 MPa
• Modulus at 500% Extension	1.3MPa
• Elongation at Break	1100%
• Tear Strength	24 N/mm

THICKNESS

0.18mm/0.23mm	Medium Gauge
0.23mm/0.28mm	Heavy Gauge

+/- 10% Tolerance

Available as 6" x 6" (152mm x 152mm) or 5" x 5" (127mm x 127mm) squares or in rolls.

COLOURS

Light Blue

SAFETY INFORMATION

Composition:

Synthetic polyisoprene latex rubber plus essential processing chemicals and pigments.

Health Hazard:

Latex Free Dental Dam is generally considered non-hazardous and is safe for use by persons who know they are susceptible to Type I Allergies from natural latex. However, the product contains higher levels of dithiocarbamate than natural latex rubber and consequently may cause sensitisation by skin contact and give rise to Type IV Allergies. Persons who know they are susceptible to dithiocarbamates should avoid contact with polyisoprene. N-Nitrosamine by-products of dithiocarbamate are typically <10µg/kg (93/11/EEC limit for bottle teats) when tested by BSEN12868.

The physical properties above are typical values abstracted from tests based on ISO37 and ISO34:1

Four D Rubber Co. Ltd.
Slack Lane, Heanor Gate Industrial Estate
Heanor, Derbyshire, DE75 7GX, England

Tel: +44 (0) 1773 763134
Email: info@fourdrubber.com
Web: www.fourdrubber.com