

Technical Data Sheet



Latex Free Dental Dam

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 a

5" 5555 5 5 5555 5 5555a5e5 55i5 5115!

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- 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- dithiocarbamate are typically <10µ (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:

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22/01/2014



Product Safety Data Sheet 2

Safe use, handling and storage of Latex Free Rubber Sheeting

COMPOSITION

Synthetic latex free polyisoprene latex rubber plus essential processing chemicals and pigments

HEALTH HAZARDS

Latex free is generally considered non-hazardous and is safe for use by persons who know they are susceptible to natural latex allergies. 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 latex free. N-Nitrosamine by-products of dithiocarbamate are typically $<10\mu\text{g/kg}$ (93/11/EEC limit for bottle teats) when tested by BSEN12868.

FIRE HAZARD

Sheeting should be protected during handling and storage should be away from naked flames as rubber is flammable. In storage areas it is advisable to observe non-smoking restrictions.

STORAGE AND USE:

Temperature:

Store below 26°C and away from heaters

Humidity:

Avoid damp storage conditions

Light:

Protect from prolonged exposure to light, in particular u.v. and bright sunlight which will degrade light coloured sheets.

Metals:

Avoid contact with copper and copper containing alloys which stain light coloured sheets brown.

Oils and solvents:

Avoid contact with oils, solvents and greases, which will destroy latex free rubber.

Fire:

Keep away from flame

The behavioural properties of latex free rubber with respect to its performance when exposed to chemicals are comparable to that of natural rubber.

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