

**IMPORTANT**

Read this 'Instructions for Use' document before handling. This product is for professional use only.

**IDENTIFICATION**

Product Name	Latex Free Dam Kit
Company Name	Perfection Plus Ltd
Company Address	6 Westwood Court, Brunel Road, Totton, Hampshire, SO40 3WX, UK
Company Phone No.	+44 (0) 2380 866 677

**PRODUCT CODE**

<b>REF</b> PP009/3272 Dental Dam Clamp Forcep
<b>REF</b> PP009/2038 Dental Dam Punch
<b>REF</b> PP009/2037 Dental Dam Frame Metal
<b>REF</b> PP004/0008 Dental Dam Clamp No 00
<b>REF</b> PP004/0009 Dental Dam Clamp No 2
<b>REF</b> PP004/0005 Dental Dam Clamp No 7
<b>REF</b> PP004/0010 Dental Dam Clamp No 8
<b>REF</b> PP004/0011 Dental Dam Clamp No 8A
<b>REF</b> PP004/0012 Dental Dam Clamp No 9
<b>REF</b> PP004/0013 Dental Dam Clamp No 14A
<b>REF</b> PP004/0046 Medium Blue Pk 20 – Latex Free

**INDICATIONS FOR USE**

Polyisoprene latex free rubber dams are manufactured from synthetic polyisoprene polymer which has physical properties similar to those of natural rubber latex but without the proteins that occur in natural rubber latex that may cause allergic reactions. The dental dam is used as a protective oral barrier during endodontic procedures to reduce the risk of infection, to isolate the working area, to prevent particles or small objects making their way into the patient's airways and to improve patient comfort.

The dental dam is a single use, non-invasive, non-sterile device that is designed to be used only by qualified dental professionals for the described purpose.

The product has a fine coating of magnesium silicate powder (talc) for ease of handling and needs to be stored in the box provided when not in use.

**CONTRAINDICATIONS FOR USE**

It is the responsibility of the dental practitioner to determine if the use of dental dam is appropriate for each individual patient. The dental dam should not be used in situations where the skin in the relevant area is broken, the patient has known sensitivity to type IV allergies or other clinical considerations indicate that it should not be used.

**INSTRUCTIONS FOR USE**

**Sterilisation of Clamps and Frame Prior to Use**

1. Before first and every subsequent use, clean and sterilise the clamps and frame. Inspect for signs of corrosion such as pitting, discolouration, scratches or cracks.
2. Inspect the clamps and frame using magnification if necessary and discard any corroded or damaged instruments prior to use.
3. After use, clean debris with a soft bristle brush under running water. Never allow debris to dry on the clamp.
4. Steam sterilisation is recommended. Autoclave for a minimum of 5 mins at 134 ± °C in the appropriate Protect+ Self Seal Sterilisation Pouch (PP002/5000) which are validated for steam sterilisation. Do not exceed 138°.
5. Follow the autoclave machine manufacturer's instructions, do not exceed maximum load. The clamps have been validated in a steam sterilisation machine at a cycle of 134°C for 5 mins. If using Dry Heat sterilisation, do not exceed 177°C for a maximum of 30 minutes.
6. If not cleaning immediately after use then submerge in a solution of 2% Teepol detergent or similar detergent with neutral pH, never longer than 16 hours.

**Preparing Latex Free Dam**

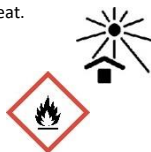
7. Take a sheet of latex free dam and Perfection Plus Dental Dam Template.
8. Place latex free dam on top of template and adjust.
9. Using a marker pen, mark which tooth is required for isolation.
10. Make a hole using Perfection Plus Dental Dam Punch. The dental dam punch must be in good condition, as failure to punch a clean hole could result in the dental dam tearing.
11. Stretch latex free dam on to Perfection Plus Metal Dam Frame (plastic is also available).

### Placing the Dental Dam

12. In order to avoid danger of swallowing if it becomes dislodged, it is recommended that safety ligation (dental floss) is tied around the dental dam clamp.
13. To ensure that there is four-point contact with the tooth's proximal surfaces, be sure to pre-fit the clamp.
14. The clamp is then placed into the punched hole in the dam, with its wings holding the hole open, this is the Winged Technique. The dental dam and clamp can then be placed over the tooth using Perfection Plus Dental Dam Forceps.
15. The dam is then slipped off of the clamp onto the neck of the tooth.
16. Clean and sterilise the dam clamps after use, as per instructions 1 through to 6.

### STORAGE

The product is flammable and should be kept away from naked flames during handling and storage. Store below 26°C and away from direct sources of heat. Avoid damp storage conditions and keep out of direct sunlight. Avoid contact with copper, copper containing alloys, oils, solvents and greases.



The product should be stored in the closed box when not in use.

### WARNING!

Polyisoprene is considered non-hazardous and is considered safe for use by persons who know they are susceptible to natural rubber latex allergies. The product contains processing additives including dithiocarbonate that may cause sensitisation by skin contact and give rise to Type IV Allergies. Persons who know they are susceptible to dithiocarbonates should avoid contact with the product. N-Nitrosamine by-products of dithiocarbonate are typically <math><10\mu\text{g}/\text{kg}</math> (93/11/EEC limit for bottle teats) when tested by BS EN12868. Magnesium silicate is considered non-hazardous in the quantities present on the product, but contact should be avoided with broken skin. The product is only to be used by a qualified dental practitioner trained in the use of dental dams.

- Do not use the dental dam if there is any sign of damage. Please dispose of any damaged items according to local regulations
- Do not use the dental dam product for any other purpose that that stated in this manual.
- The product should only be used before the expiry date indicated on the box.
- Do not use the product on children unless under the supervision of a qualified practitioner.
- This product is for single use only. It is not suitable for cleaning.



### Batch code/Expiry Date

See product box for lot and expiry date. Please quote the batch number in all correspondence. Do not use the product after the expiry date.

SPECIALLY FORMULATED FOR USE IN DENTISTRY



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