

Q-Match™**Smart shade matching universal restorative composite***For professional dental use only***INDICATIONS**

- Q-Match is a dental restorative composite intended for direct placement in all cavity classes in anterior and posterior teeth.
- Q-Match is used for repair of enamel defects, Provisionals, porcelain restorations, minor occlusal build-ups, core build-ups, and incisal abrasions
- Q-Match has the ability to match the complete VITA® shades spectrum with only 3 shades.
- Q-Match is compatible with all dental adhesives available on the market.
- Direct placement in all cavity classes in anterior and posterior teeth.
- Repair of enamel defects, repair of Provisionals, and repair of porcelain restorations.
- Minor occlusal build-ups, core build-ups, and incisal abrasions.

PROPERTIES

- Q-Match is a light cured, radiopaque, resin-based restorative composite.
- ISO 4049 classification: Type 1, Class 2, Group 1.
- Q-Match is formulated for direct placement in any type of anterior and posterior cavity form.
- Q-Match is intended to be used with a dental bonding agent and can be sculpted prior to curing.
- Once light-cured, Q-Match can be easily finished and polished to achieve a highly esthetic and durable restoration.
- Q-Match can be dispensed via a syringe or a unit-dose capsule to provide a restoration with excellent visual color match to the surrounding dentition.
- Q-Match is available in 3 shades: Light, Medium, Dark. To see shade guide visit www.bjmlabs.com
- Q-Match has been on the market since 2023 with no changes in formula. No complaints of any health-related or chemical performance issues were received.

CAUTION!

- Q-Match contains polymerizable monomers which may cause allergic contact dermatitis in susceptible patients and damage the pulp. Avoid contact with skin, eyes, and soft tissue. Wash thoroughly with water after contact. If skin sensitization occurs or if known allergy to methacrylate resin exists, discontinue use.
- Q-Match contains materials which: sensitive to light / irritating to eyes / harmful if swallowed / irritating to respiratory system and skin / may cause sensitization by skin contact. For complete symbols guide see below.
- In case of contact with oral tissue or skin, remove immediately with a sponge or cotton soaked in alcohol and flush with water.
- In case of contact with eyes, flush with water and seek medical attention.
- Personal protective equipment such as gloves, face mask and safety eyewear should always be worn.

PRECAUTION

- Wear personal protection equipment when handling Q-Match composite

COMPOSITION

Essential ingredients	% wt.
BIS-GMA	< 10%
Comonomer diluents	< 10%
Photoinitiators	< 2%
Pigments	< 0.2%
Dental glass filler	< 90%
Fumed Silica	< 5%

FILLER CONTENT

The filler system comprises glass fillers and modified silica: 80-85 weight-% or 60-70 volume-%. The particle size of the fillers range: < 6 µm.

None of the ingredients in the product contain pharmacologically active components.

INSTRUCTION FOR USE**Note:**

- Unit dose capsules are single patient use. Do not re-use unit dose capsules.
- Do not dispense syringe intraorally to prevent contamination. Use a protective plastic sheath barrier on the syringe. Do not reuse and dispose if it becomes contaminated. When using syringe after dispensing on a pad cover before use to prevent unwanted polymerization.

1. Clean tooth thoroughly of debris, materials, or stains.
2. Match clean tooth with 1 of 3 available Q-Match shade. Shades are based on VITA® Shade Guide Equivalent chart:

Composite Shade	VITA® Shade Guide Equivalent
Light	A1, A2, B1, B2, C1, C2, D2
Medium	A3, A3.5, B3, B4, D3, D4
Dark	A4, C3, C4

Note:

A single shade of Q-Match Composite will be sufficient to restore any tooth. Use VITA®- matched shade guide to determine the color.

VITA® is not a trademark of B.J.M. Laboratories Ltd.

3. Isolate tooth with preferred isolation method and prepare it. If replacing a restoration, ensure that all existing restorative materials are removed from the operative site.
4. For bonding to enamel and/or dentin, use Prima 2000 or any other light-cured bonding system available on the market.

5. Application:

When using a capsule: Set the capsule in the dispenser gun and remove cap. Dispense the composite material directly into the cavity starting with the deepest portion.

When using a syringe: Slowly extrude material onto a pad. Use your instrument(s) of choice to apply to the restorative area. Turn syringe back two full turns after use and replace cap for optimal performance the next time.

6. Apply composite layers up to 2mm in thickness and ensure the material is packed tightly within the cavity.
7. Cure each layer for a minimum of 20 seconds. Q-Match composite is designed to be used with either a halogen or LED curing-light with wavelength of 400-500 nm.
8. Curing time indications:
The curing times depend on the ambient and oral temperature.
The times shown are based on conditions relevant for practice.

Light Type	Intensity (mW/cm²)	Curing Time (sec)	Light, Medium, Dark (Incremental depth, mm)
LED (Demi Ultra or Similar)	650-1000 or Below 1000	20	2.0
Halogen (Demi Ultra or Similar)	1100-1300 or Above 1000	20	2.0

9. Adjust occlusion as needed and polish for finish.

STORAGE AND DISPOSAL

- Do not store above 24°C (75°F).
- Keep product in original packaging.
- Keep away from direct sunlight.
- Do not freeze.
- Replace the syringe cap after each use to prevent material from hardening within the syringe.
- To obtain SDS or IFU visit www.bjmlabs.com.
- Do not use after expiration date. See expiry date on the label.
- Shelf life is 2 years after the date of manufacturing.
- Empty product can be safely disposed after use in an intended regular waste container. The product does not require special disposal instructions or precautions and is harmless to the environment.



Symbols used on packaging	
	Consult instructions for use
	Temperature limit
	Use by date
	Keep away from sunlight
	Irritant
	Do not reuse
	Medical device
	Batch code
	Catalogue number
	Date of manufacture
	Manufacturer

ZIN5138BJM Rev.0 04.2023

Q-Match[™]

Smart shade matching universal restorative composite