



MANIFill Flow

LOW VISCOSITY FLOWABLE COMPOSITE

MANIFill Flow 55% filler content with low viscosity for direct, minimally invasive restorations.

Polymer-based Dental Restorative Material
MADE IN GERMANY




MANI

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INDICATIONS

- ▼ fissure sealing
- ▼ Class V fillings
- ▼ Minimally invasive fillings for Class I, II, and III cavities
- ▼ Correction of enamel defects
- ▼ Blocking undercuts
- ▼ Minor shape and color corrections to the tooth enamel

PRODUCT FEATURES

- ▼ Simple and convenient application
 - ▼ No dripping – simple and highly precise application
 - ▼ Excellent physical properties
 - ▼ Naturally aesthetic restorations
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STEP BY STEP

1 PREPARATION OF THE CAVITY

Clean tooth enamel with a fluoride-free polishing paste.

2 CAVITY PREPARATION

Prepare the cavity according to the general rules of adhesive technique.

3 PROTECTION OF DEEP CAVITIES

In cases of very deep cavities close to the pulp, cover the affected areas with a calcium hydroxide preparation.

4 MATRIX SYSTEM FOR APPROXIMAL DEFECTS

For cavities with approximal portions, apply and fix a transparent matrix.

5 ETCHING AND BONDING

Etching and bonding according to the manufacturer's instructions.

6 APPLICATION OF THE FLOW COMPOSITE

Apply Flow in thin layers (max. 2 mm) directly into the cavity, taking care not to introduce air bubbles when applying with the cannula.

Cure each applied layer for 40 seconds using a curing light. During polymerization, a dispersion layer forms on the surface, which must not be touched or removed. It serves to bond the subsequent composite layers.

ManiFill Flow can be contoured and polished immediately after polymerization. Finishing diamonds, flexible discs, silicone polishers, and polishing brushes are suitable for contouring. A curing light with an emission spectrum of 350–500 nm should be used for polymerization.

PHYSICAL DATA*

Vickers Hardness	Flexural Strength	E-module	Compressive Strength
374 MPa	134 MPa	6998 MPa	403 MPa

* All technical data are average values and may vary slightly in each delivery batch.



Available colors

A1 / A2 / A3 / A3,5

Content

🔪 2g syringe incl. 10 application tips



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