



MANIFill Hybrid Ease

PERFECT HANDLING WITH
CHROMATIC SHADE RANGE

Bio-Composite

Polymer-based Dental
Restorative Material

MADE IN GERMANY



MANIFill Hybrid Ease
PERFECT HANDLING WITH
CHROMATIC SHADE RANGE

MANI MEDICAL GERMANY GMBH
Dipl.-Ing. Gert Jan Moschel
191 Rodbach v.d. Höhe / Germany
8048 Zürich / Switzerland


MANI

MANIFill Hybrid Ease Composite – achieve highly aesthetic results with highly biocompatible ingredients. Light-curing, radiopaque hybrid composite for durable and aesthetic adhesive restorations.

INDICATIONS

- ▼ Restorations in the anterior and posterior regions of classes I, II, III, IV, and V
- ▼ Inlays, onlays, and veneers
- ▼ Extended fissure sealing for molars and premolars
- ▼ Core build-up
- ▼ Splinting of loosened teeth
- ▼ Shape and color corrections to improve aesthetics

PRODUCT FEATURES

- ▼ Perfect handling
 - ▼ **Bis-GMA-free for better tolerability**
 - ▼ Innovative chromatic color system for natural aesthetics
 - ▼ **High biocompatibility**
 - ▼ Excellent physical properties
- 

STEP BY STEP

1 PREPARATION

Clean the tooth with fluoride-free polishing paste. Select the shade while the tooth is moist using the Vita® shade guide.

2 CAVITY PREPARATION

Preparation that preserves tooth structure in accordance with adhesive technique. Anterior teeth: bevel enamel margins; posterior teeth: no beveling. Clean cavity with water spray and dry. Dry, ideally with a rubber dam.

3 PULP PROTECTION/ UNDERFILLING

Use calcium hydroxide preparation for deep cavities. With enamel-dentin adhesive, underfilling is not necessary.

4 COMPOSITE APPLICATION

Apply composite in layers of max. 2 mm. Apply slow, even pressure (with compules). Observe hygiene: use compules only once.

5 CURING

Exposure time: 20 seconds (colors A1 – A3.5) or 40 seconds (colors A4, OA2, OA3). Hold the curing light as close to the surface as possible. Do not touch or contaminate the inhibition layer.

6 FINISHING & POLISHING

After polymerization, finish with finishing diamonds, flexible discs, or polishing brushes. Check occlusion and articulation and grind in.

MANIFill Hybrid Ease IN COMPARISON

MEASUREMENTS*

	MANIFill Hybrid Ease	Competitor 1	Competitor 2	Competitor 3
E-module ¹⁾	15400 MPa	9363 MPa	8400 MPa	8051 MPa
Flexural Strength ¹⁾	134 MPa	97 MPa	112 MPa	118 MPa
Vickers Hardness ¹⁾	918 MPa	575 MPa	577 MPa	632 MPa
Compressive Strength ¹⁾	374 MPa	373 MPa	350 MPa	415 MPa

HANDLING

<p>Low stickiness with MANIFill Hybrid Ease</p>		<p>No sagging at MANIFill Hybrid Ease</p>	
<p>High stickiness in alternatives</p>		<p>Significant decline in alternatives</p>	

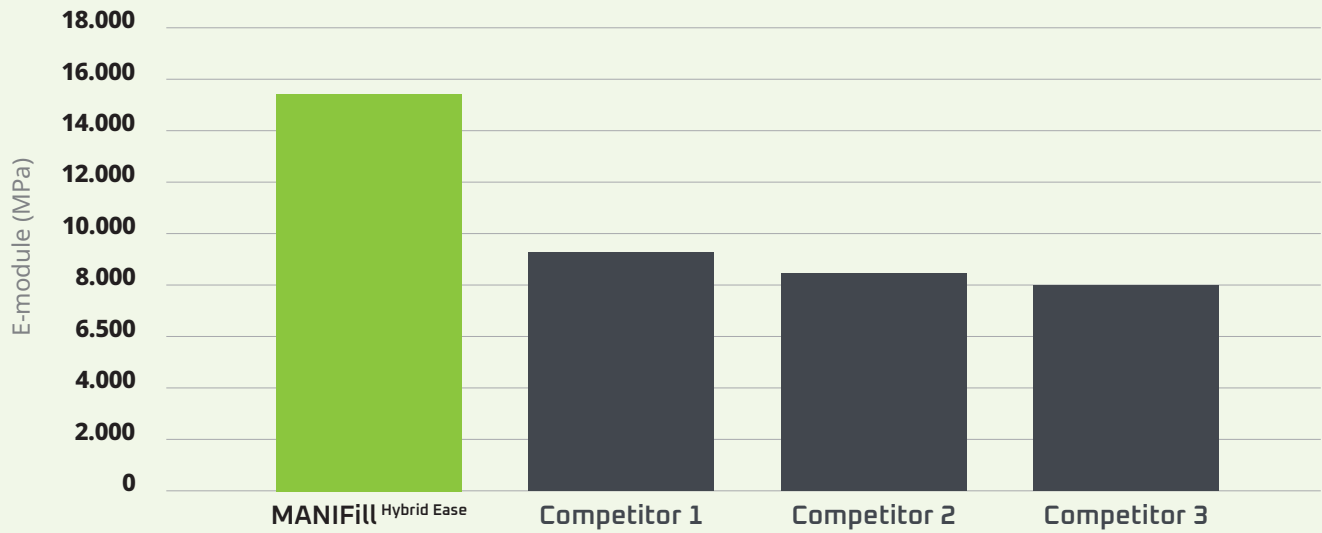
MANIFill Hybrid Ease impresses with its particularly low stickiness to metal instruments. High contour and shape stability for correct finishing of fissures and cusps.

¹⁾ Internal measurement.

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

MODULUS OF ELASTICITY

The measurements were performed as internal measurements.



PHYSICAL DATA*

Vickers Hardness	Flexural Strength	E-module
918 MPa	134 MPa	15400 MPa
Compressive Strength	Filler Content	Radiopacity
374 MPa	Ca. 77%	210% AI

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



eIFU ↑

Available colors

A1 / A2 / A3 / A3,5 / B1

Content

4g syringe

16 compules of 0.3g = 4.8g



MANI MEDICAL GERMANY GmbH

Hertha-Sponer-Straße 2
61191 Rosbach v.d. Höhe

info@mani-germany.com
www.mani-germany.com

MANI