

3M™ Filtek™ Easy Match Universal Restorative

Shade Matching Made Easy

Global Lunch and Learn



A new simplified-shading solution from 3M

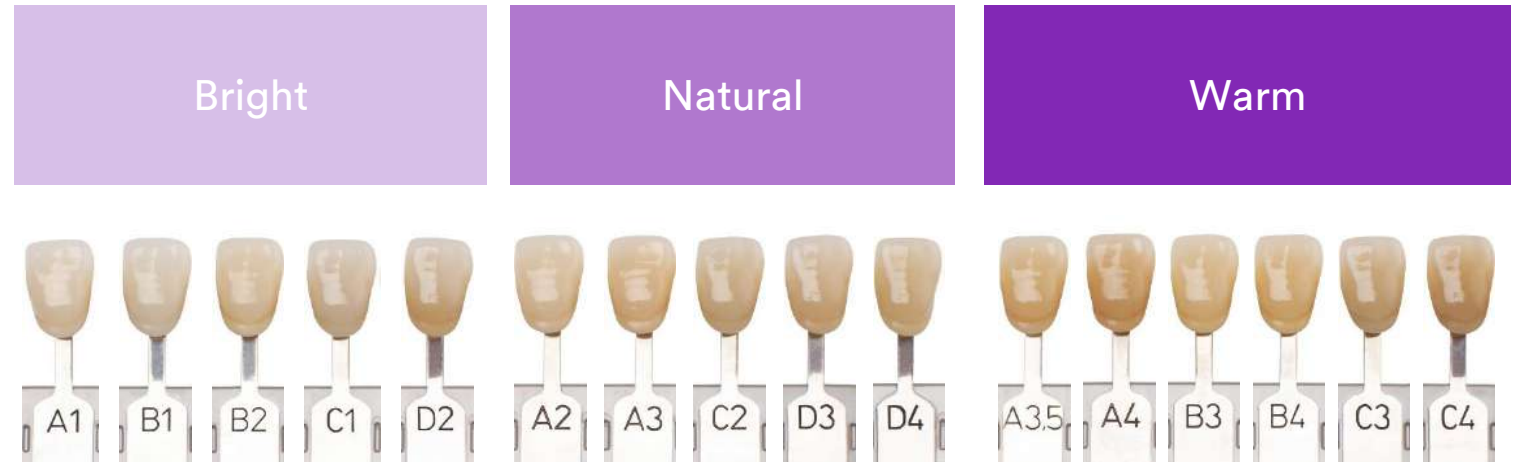


3M™ Filtek™ Easy Match Universal Restorative

Matches all 16 classical VITA shades with just three body shades – Bright, Natural, Warm

Indicated for all posterior and anterior restorations

Built on clinically proven nanotechnology, a hallmark of the globally trusted family of 3M™ Filtek™ Dental Restoratives



What is the Chameleon Effect?



*“Blending-effect (BE) of a restorative dental material refers to its ability to **acquire a color resembling that of the adjacent structure.**”*

Some manufacturers describe their dental products with this blending potential by having a ***chameleon effect.***”

Abdelraouf RM, Habib NA. Color-Matching and Blending-Effect of Universal Shade Bulk-Fill-Resin-Composite in Resin-Composite-Models and Natural Teeth. Biomed Res Int 2016.

Up to 50% of the
time the selected
color is *not an
ideal match!*



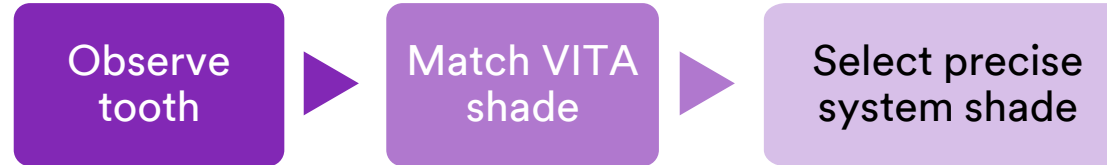
Simplifying Shade Selection Procedures



3M™ Filtek™ Easy Match Universal Restorative

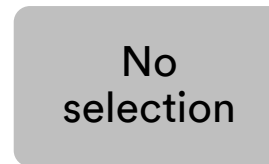
Standard shade systems

3M™ Filtek™ Z250 Universal Restorative



Simplified shade systems

1-shade-systems



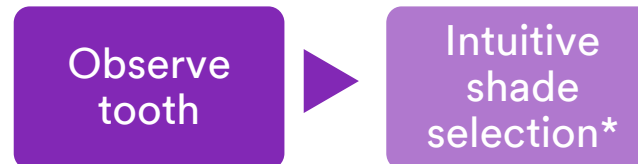
3-shade-systems

5-shade-systems

3M™ Filtek™ Universal Restorative



3M™ Filtek™ Easy Match Universal Restorative



*VITA shade key available in IFU

3M™ Filtek™ Easy Match simplifies shade selection

Intuitive Shade Selection

Intuitive Shade Selection – by smile!



A Bright Smile



Representative example of Bright tooth shade.

A Natural Smile

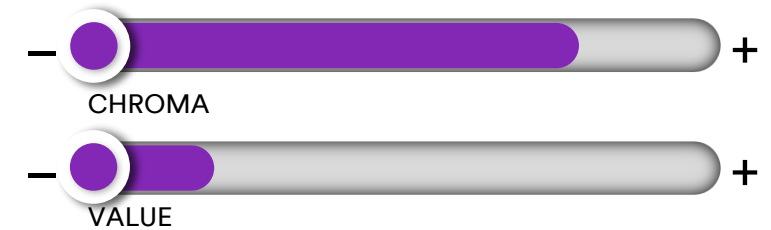
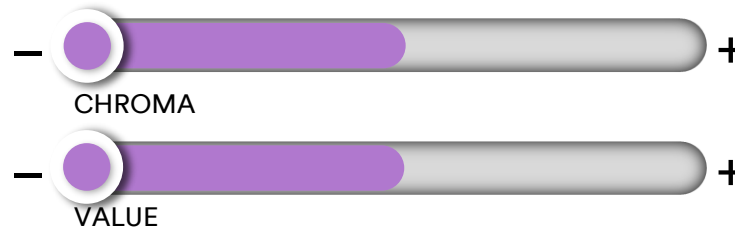
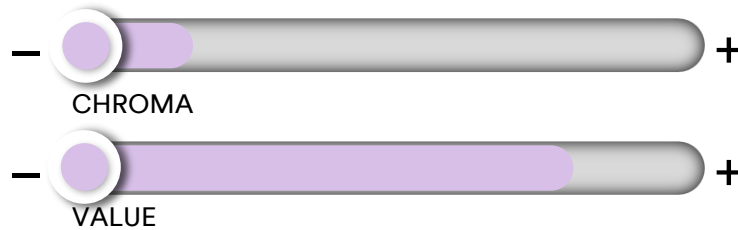


Representative example of Natural tooth shade.

A Warm Smile



Representative example of Warm tooth shade.



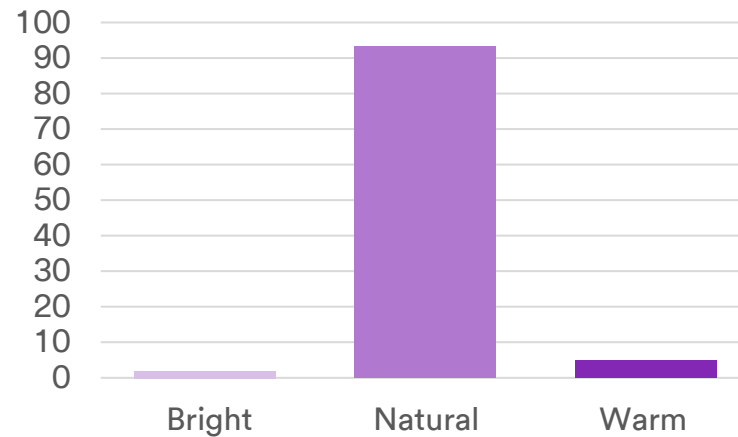
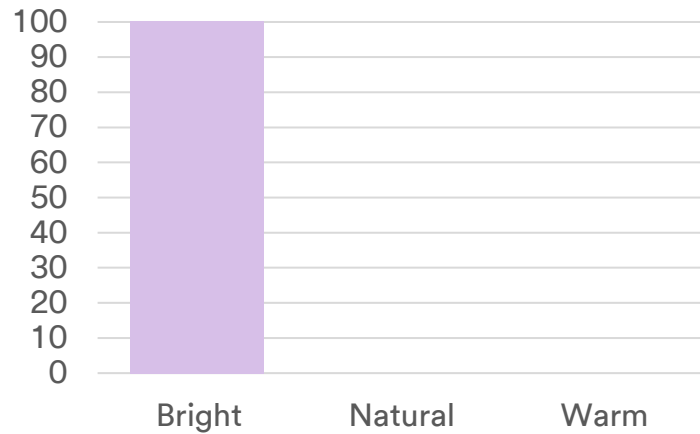
Intuitive Shade Selection – by smile!



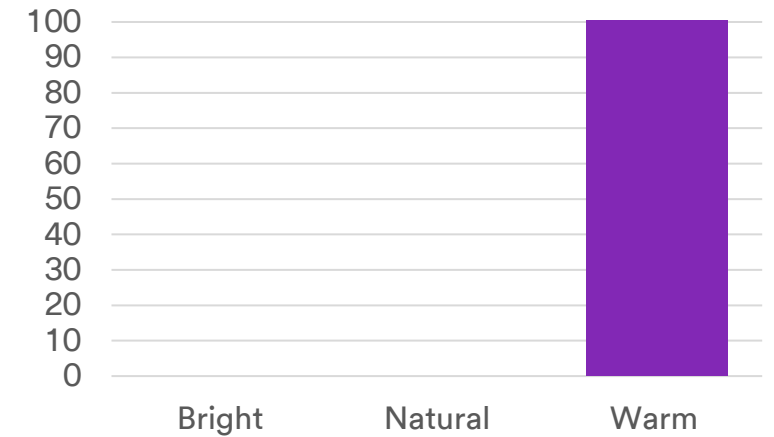
Shade matching exercise:



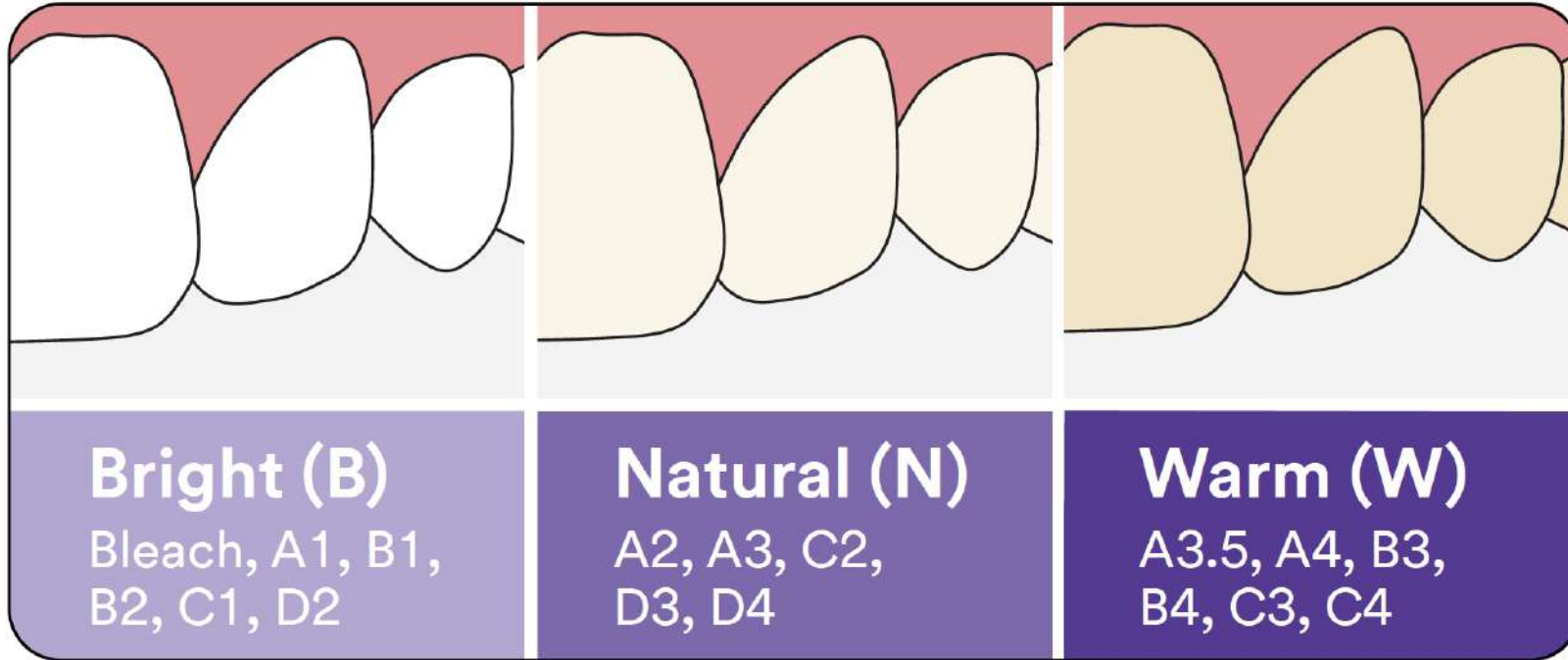
67 clinicians, surveyed anonymously, were asked to select the relevant shade for each of the smiles.



Percent of dentists selecting each shade



Intuitive Shade Selection – by smile!



Easy to use

Intuitive

**Includes VITA
classical A1-D4®
Shade match**

VITA classical A1-D4® is a trademark of VITA Zahnfabrik

Instructions for Use



		Cure Time	
Shade	Increment depth	All halogen lights (with output 550-1000 mW/cm ²)	LED lights (with output 1000-2000 mW/cm ²)
Bright, Natural, Warm	2.0 mm	20 sec.	10 sec.

Easy Shade Matching

3M™ Filtek™ Easy Match Universal Composite



3M™ Filtek™
Easy Match
Universal Restorative

Photo Courtesy of Dr. Brian Baliwas

Easy Shade Matching

3M™ Filtek™ Easy Match Universal Composite



3M™ Filtek™
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Universal Restorative



Bright

Natural

Warm

Photo Courtesy of Dr. Brian Baliwas

Easy Shade Matching

3M™ Filtek™ Easy Match Universal Composite



3M™ Filtek™
Easy Match
Universal Restorative

Photo Courtesy of Dr. Brian Baliwas

Naturally-Adaptive Opacity



3M™ Filtek™
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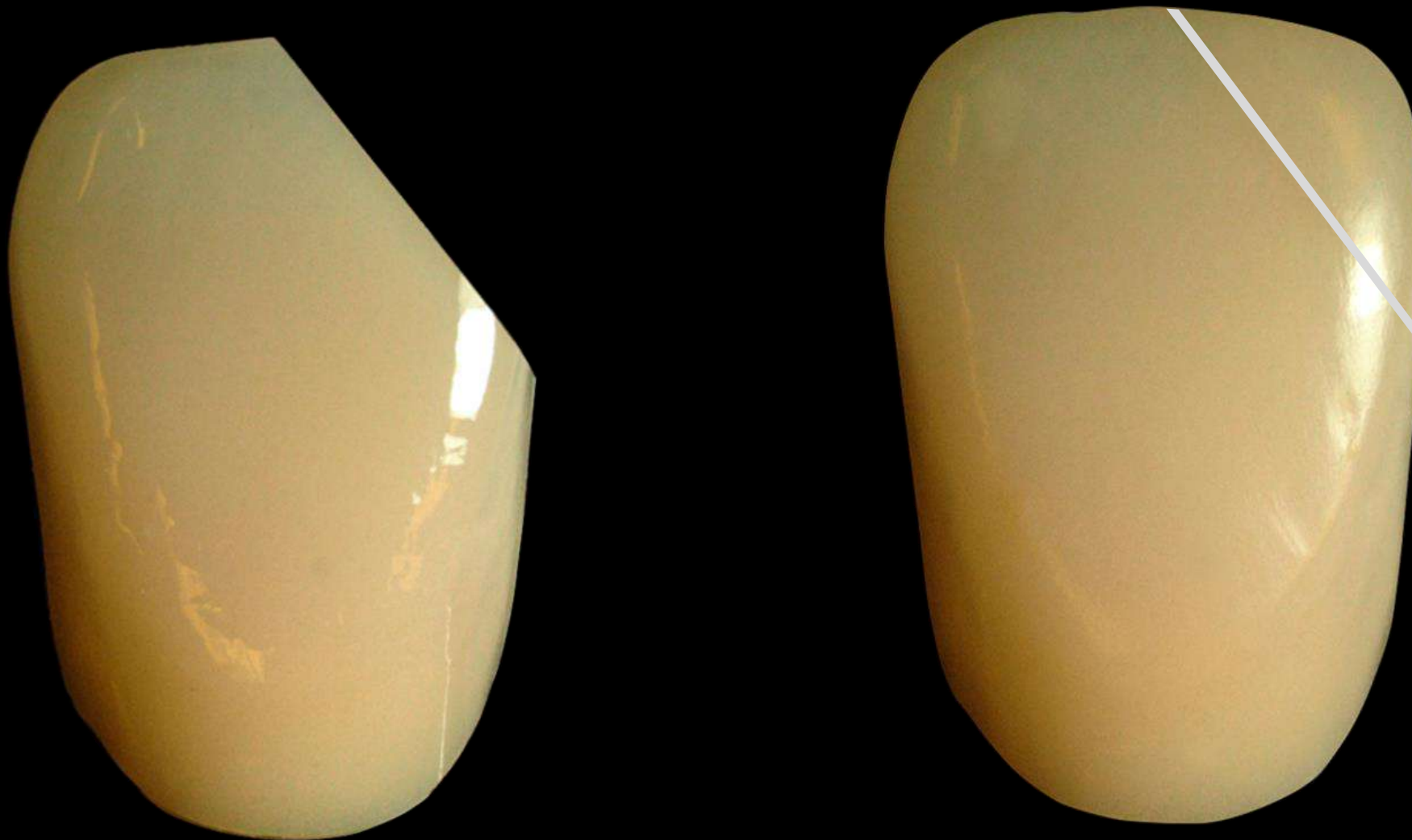
**Value/opacity is the key color characteristic
to create invisible direct restorations.**

Photo Courtesy of Dr. Roberto Zangirolami

Cavity design influences the ability to blend



3M™ Filtek™
Easy Match™
Universal Restorative



Internal Data

Naturally-Adaptive Opacity



Where do we need Enamel-like translucency?

Enamel Bevel (0.5-0.75 mm thick)

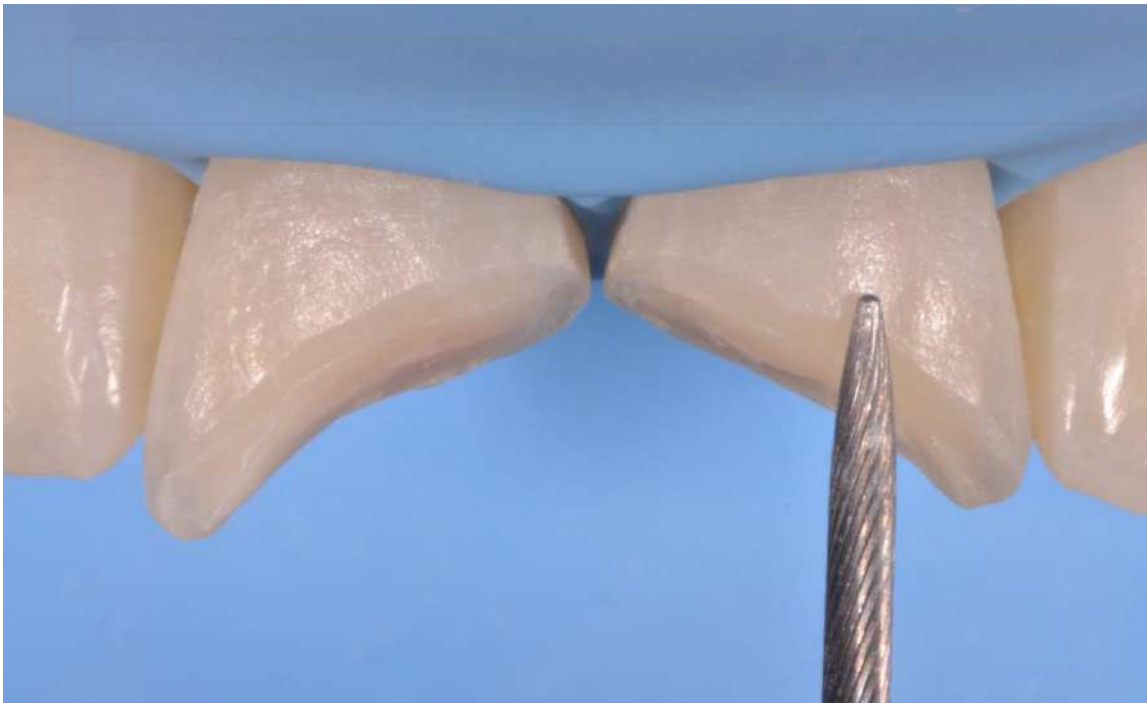
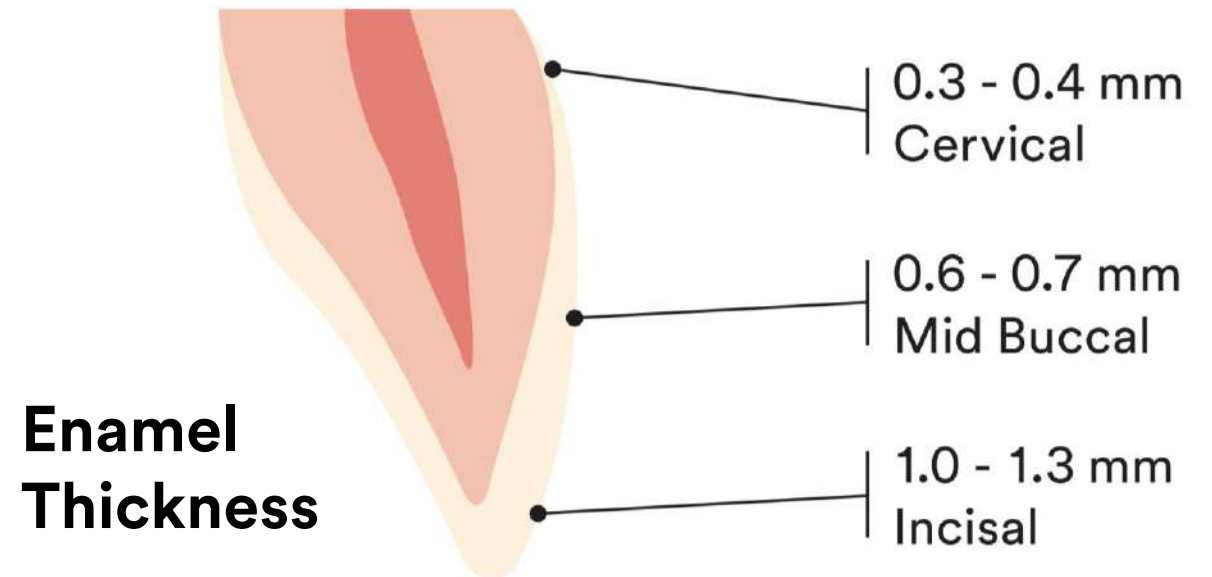


Photo Courtesy of Dr. Walter Devoto

Incisal Edge (~1 mm thick BL)



Courtesy of Dr. Caroline Miyazaki

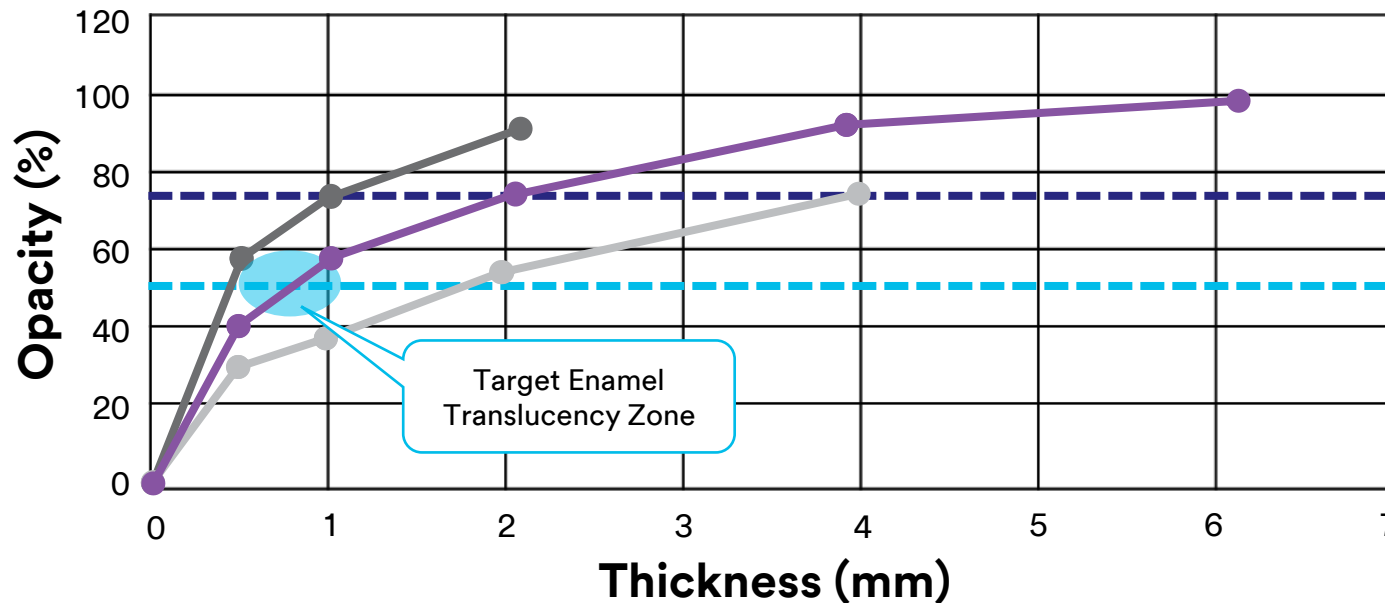
Ferraris F et al. The International Journal of Esthetic Dentistry 2014, 9(3):382-401

Naturally-Adaptive Opacity where you need it



3M™ Filtek™ Easy Match Universal Restorative

Composite thickness correlates with value



3M™ Filtek™ Easy Match Universal Restorative shows Dentin-like opacity at thicknesses >2 mm

Dentin Value

Enamel Value

3M™ Filtek™ Easy Match Universal Restorative shows Enamel-like translucency at thicknesses of 0.5–1 mm

— 3M™ Filtek™ Supreme Ultra Universal Restorative | Dentin — 3M™ Filtek™ Easy Match Universal Restorative | Natural — Omnicroma® by Tokuyama

Naturally-Adaptive Opacity where you need it



3M™ Filtek™ Easy Match Universal Restorative

Composite thickness correlates with value

Body-like opacity delivers Enamel-like translucency where you need it: on the bevel, and on the incisal edge

Dentin Value

Enamel Value

— 3M™ Filtek™ Supreme Ultra Universal Restorative | Dentin

— 3M™ Filtek™ Easy Match Universal Restorative | Natural

— Omnicroma® by Tokuyama

3M™ Filtek™ Easy Match Universal Restorative

Naturally-Adaptive Opacity where you need it, no blocker



Filtek Easy Match Universal Restorative's naturally adaptive opacity achieves a natural look, with just one opacity.



Filtek Easy Match Universal
Restorative | Natural



No Blocker
Omnicroma® by Tokuyama



With Blocker

Internal Data

3M™ Filtek™ Easy Match Universal Restorative



95%

of dentists agree/strongly agree:

Filtek Easy Match Universal Restorative's opacity matches the needs for both anterior and posterior restorations.

n = 46 | 2,490 restorations | 1,017 Anterior | 1,473 Posterior

Customer Acceptance Testing Report

Easy Applications

Class IV

3M™ Filtek™ Easy Match Universal Composite | Bright



Photo Courtesy of Dr. Lois Duerst

Adjacent Class IVs

3M™ Filtek™ Easy Match Universal Composite | Bright



3M™ Filtek™
Easy Match
Universal Restorative

BEFORE

**Filtek Easy Match
Universal Restorative
blends in with
surrounding dentition**

AFTER

Photo Courtesy of Dr. Lois Duerst

Tetracycline Staining

3M™ Filtek™ Easy Match Universal Composite | Warm



3M™ Filtek™
Easy Match™
Universal Restorative



Photo Courtesy of Dr. Lois Duerst

Getting past shade guides

3M™ Filtek™ Easy Match Universal Composite | Natural



3M™ Filtek™
Easy Match
Universal Restorative



Photo Courtesy of Dr. Josh Austin

Getting past Shade Guides

3M™ Filtek™ Easy Match Universal Composite | Natural



3M™ Filtek™
Easy Match
Universal Restorative

Photo Courtesy of Dr. Josh Austin

A Child's Bright Smile

3M™ Filtek™ Easy Match Universal Composite | Bright



3M™ Filtek™
Easy Match™
Universal Restorative



Photo Courtesy of Dr. Silvana Thering

A Child's Bright Smile

3M™ Filtek™ Easy Match Universal Composite | Bright



3M™ Filtek™
Easy Match
Universal Restorative

Photo Courtesy of Dr. Silvana Thering

3M™ Filtek™ Easy Match Universal Restorative



91%

of dentists agree/strongly agree:

Filtek Easy Match Universal Restorative provides an excellent shade match for most restorations.

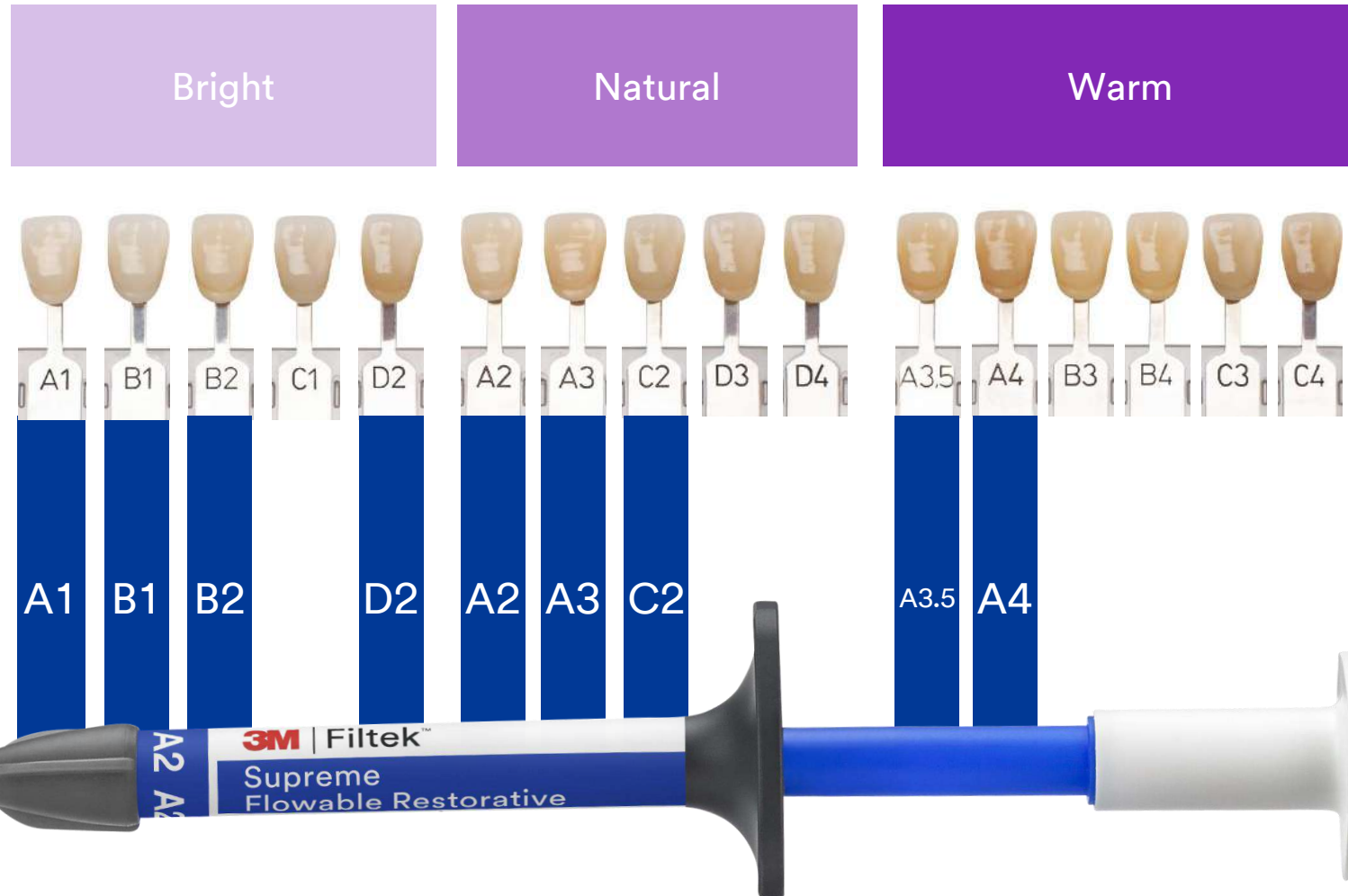
n = 46 | 2,490 restorations | 1,017 Anterior | 1,473 Posterior

Customer Acceptance Testing Report, 2023

Working with 3M™ Filtek™ Supreme Flowable



3M™ Filtek™ Easy Match Universal Restorative



3M™ Filtek™ Supreme Flowable Restorative shades match the VITA shade guide, and can be used with all Filtek Easy Match Universal Restorative shades, accordingly.

Thank you

Warranty: 3M warrants this product will be free from defects in material and manufacture at the time of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusive remedy and 3M's sole obligation shall be repair or replacement of the 3M product.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.

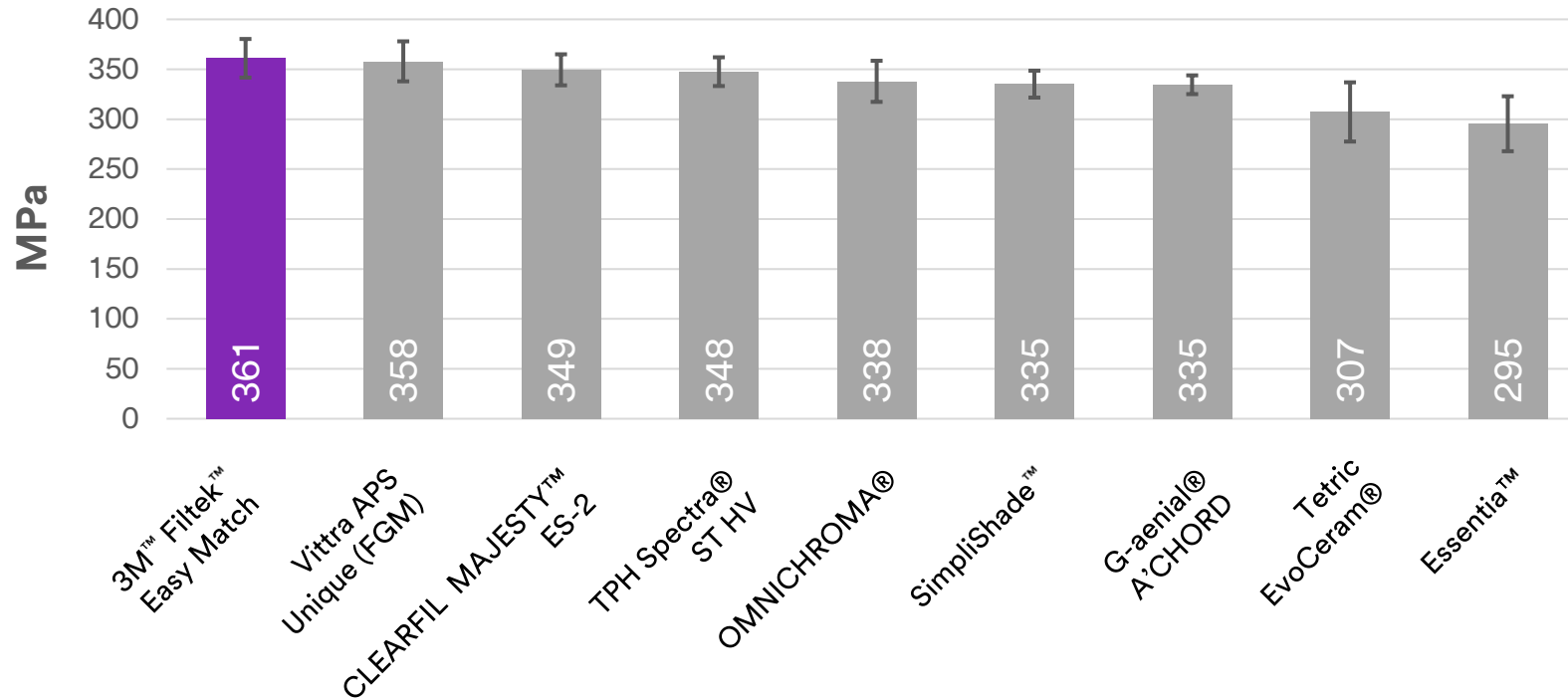
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Appendix

3M™ Filtek™ Easy Match Universal Restorative

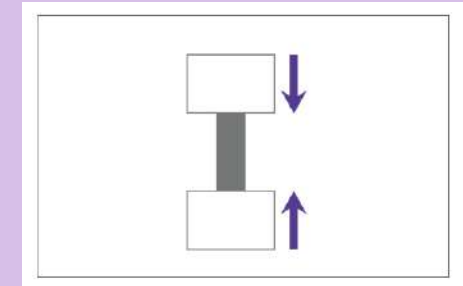


Compressive Strength



Source: Lab Data.

Tokuyama OMNICHROMA®, Kerr SimpliShade™, Dentsply Sirona TPH Spectra® ST HV, Ivoclar Vivadent Tetric EvoCeram®, FGM Vittra APS Unique, Kuraray CLEARFIL MAJESTY™ ES-2 Universal, GC G-aenial® A`CHORD, GC Essentia™ are not manufactured by 3M.

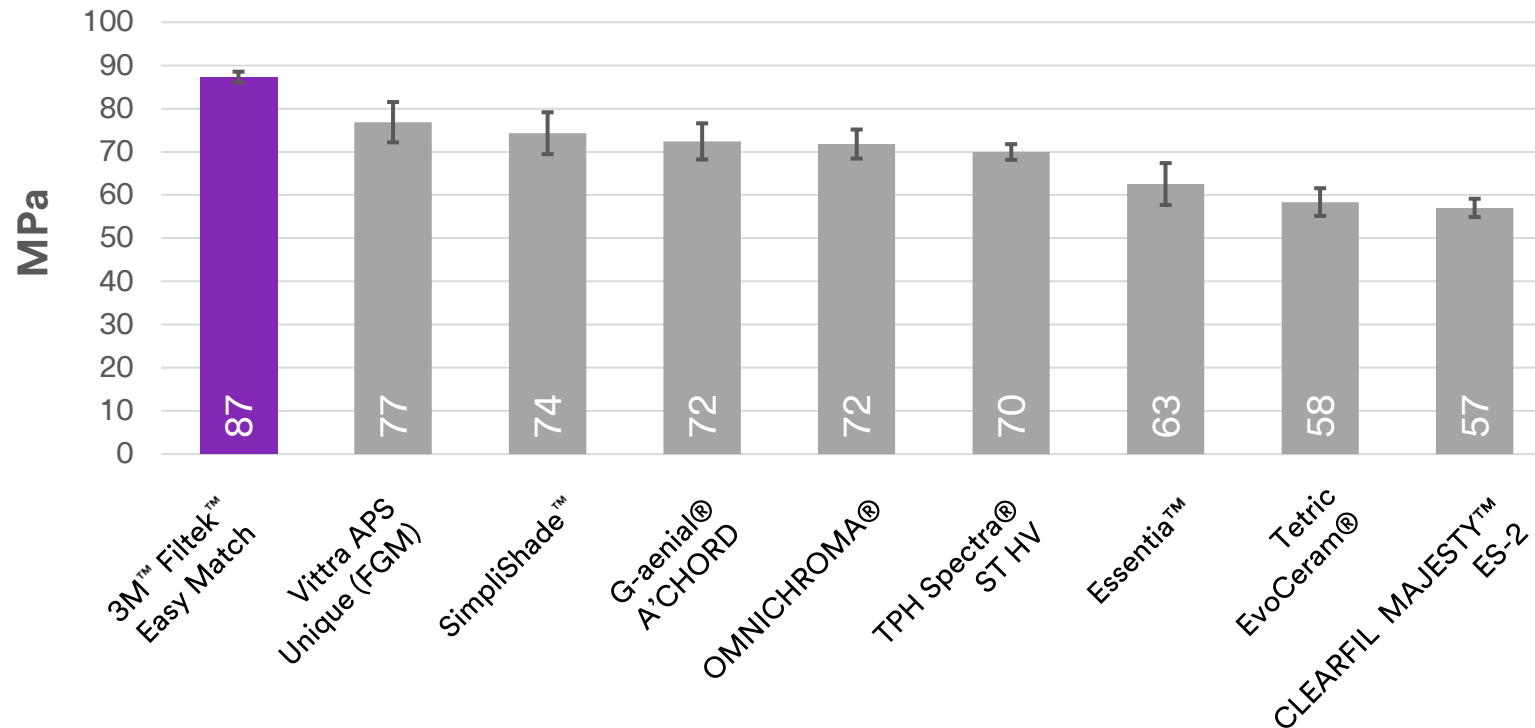


The compressive strength of 3M™ Filtek™ Easy Match Universal Restorative is statistically higher compared to Ivoclar Vivadent Tetric EvoCeram® and GC Essentia™ and statistically comparable to other universal composites tested.

3M™ Filtek™ Easy Match Universal Restorative



Diametral Tensile Strength



The diametral tensile strength of 3M™ Filtek™ Easy Match Universal Restorative is statistically higher compared to other universal composites tested.

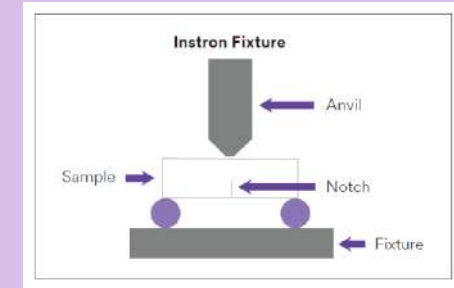
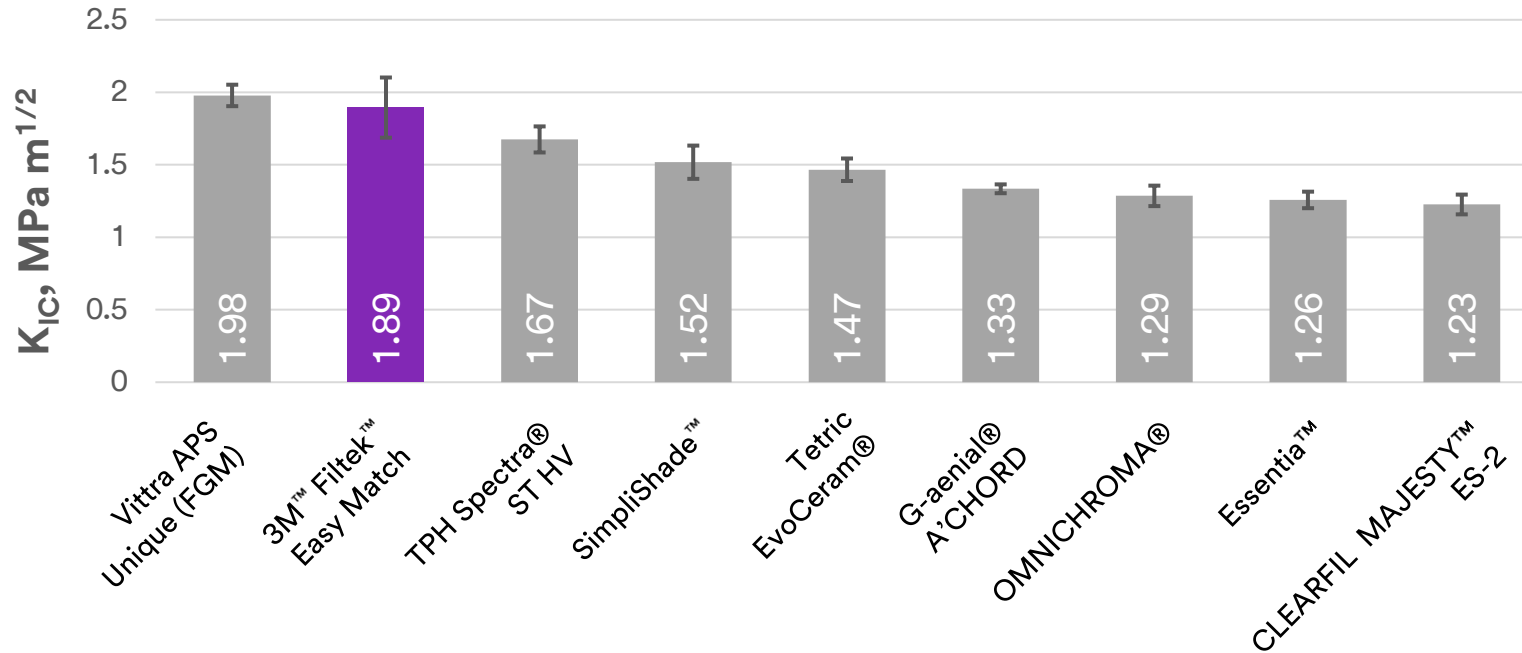
Source: Internal Data.

Tokuyama OMNICHROMA®, Kerr SimpliShade™, Dentsply Sirona TPH Spectra® ST HV, Ivoclar Vivadent Tetric EvoCeram®, FGM Vittra APS Unique, Kuraray CLEARFIL MAJESTY™ ES-2 Universal, GC G-aenial® A`CHORD, GC Essentia™ are not manufactured by 3M.

3M™ Filtek™ Easy Match Universal Restorative



Fracture Toughness



Fracture toughness test results show that 3M™ Filtek™ Easy Match Universal Restorative has a statistically comparable fracture toughness to FGM Vittra APS Unique and statistically better fracture toughness compared to other universal composites tested.

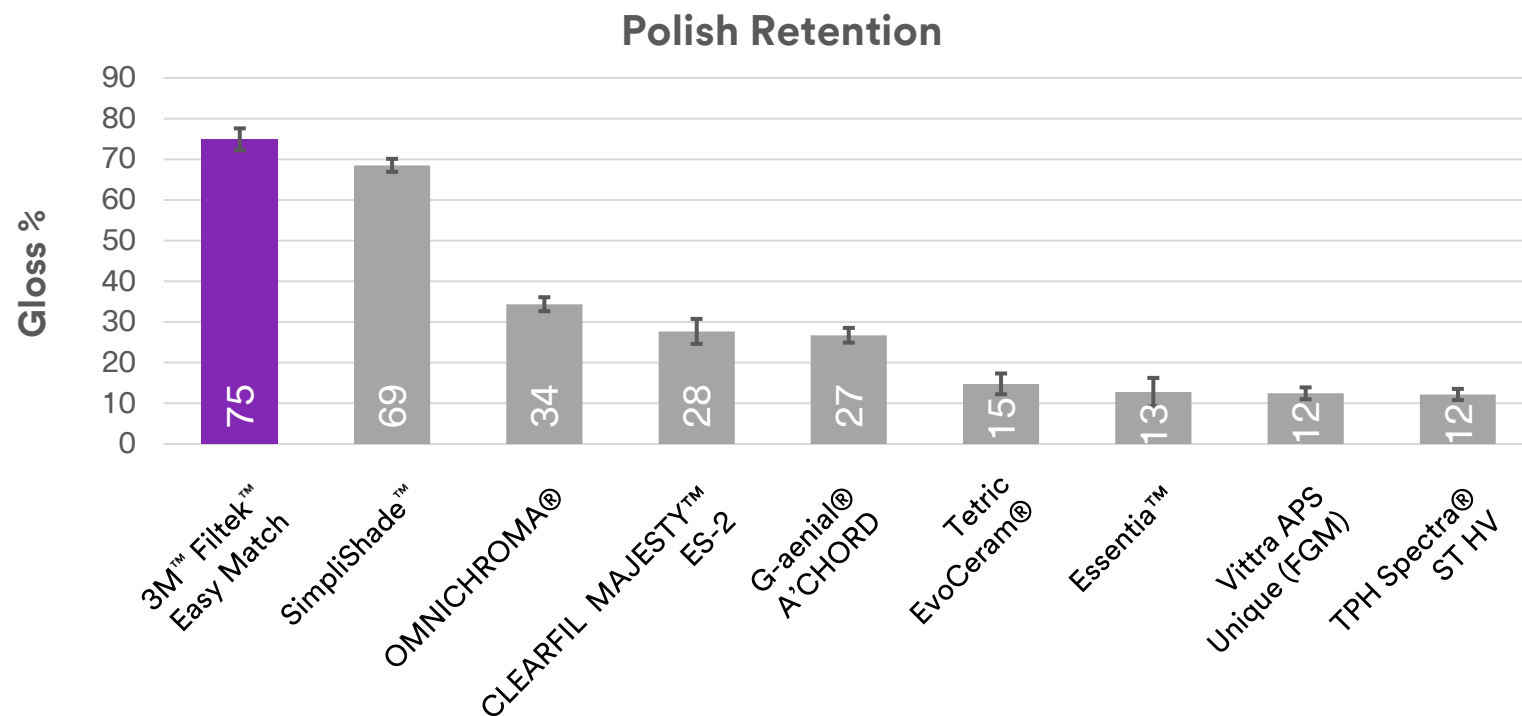
Source: Internal Data.

Tokuyama OMNICHROMA®, Kerr SimpliShade™, Dentsply Sirona TPH Spectra® ST HV, Ivoclar Vivadent Tetric EvoCeram®, FGM Vittra APS Unique, Kuraray CLEARFIL MAJESTY™ ES-2 Universal, GC G-aenial® A`CHORD, GC Essentia™ are not manufactured by 3M.

3M™ Filtek™ Easy Match Universal Restorative



Toothbrush Abrasion | 6000 Cycles



Source: Internal Data.

Tokuyama OMNICHROMA®, Kerr SimpliShade™, Dentsply Sirona TPH Spectra® ST HV, Ivoclar Vivadent Tetric EvoCeram®, FGM Vittra APS Unique, Kuraray CLEARFIL MAJESTY™ ES-2 Universal, GC G-aenial® A'CHORD, GC Essentia™ are not manufactured by 3M.

Test results show that the polish retention of 3M™ Filtek™ Easy Match Universal Restorative is statistically better than other universal composites tested.

3M™ Filtek™ Easy Match Universal Restorative



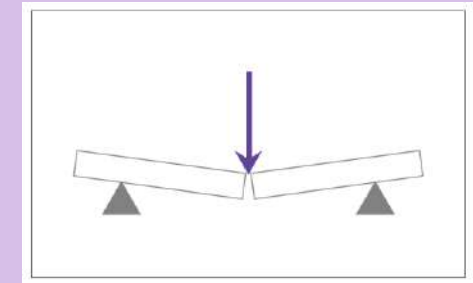
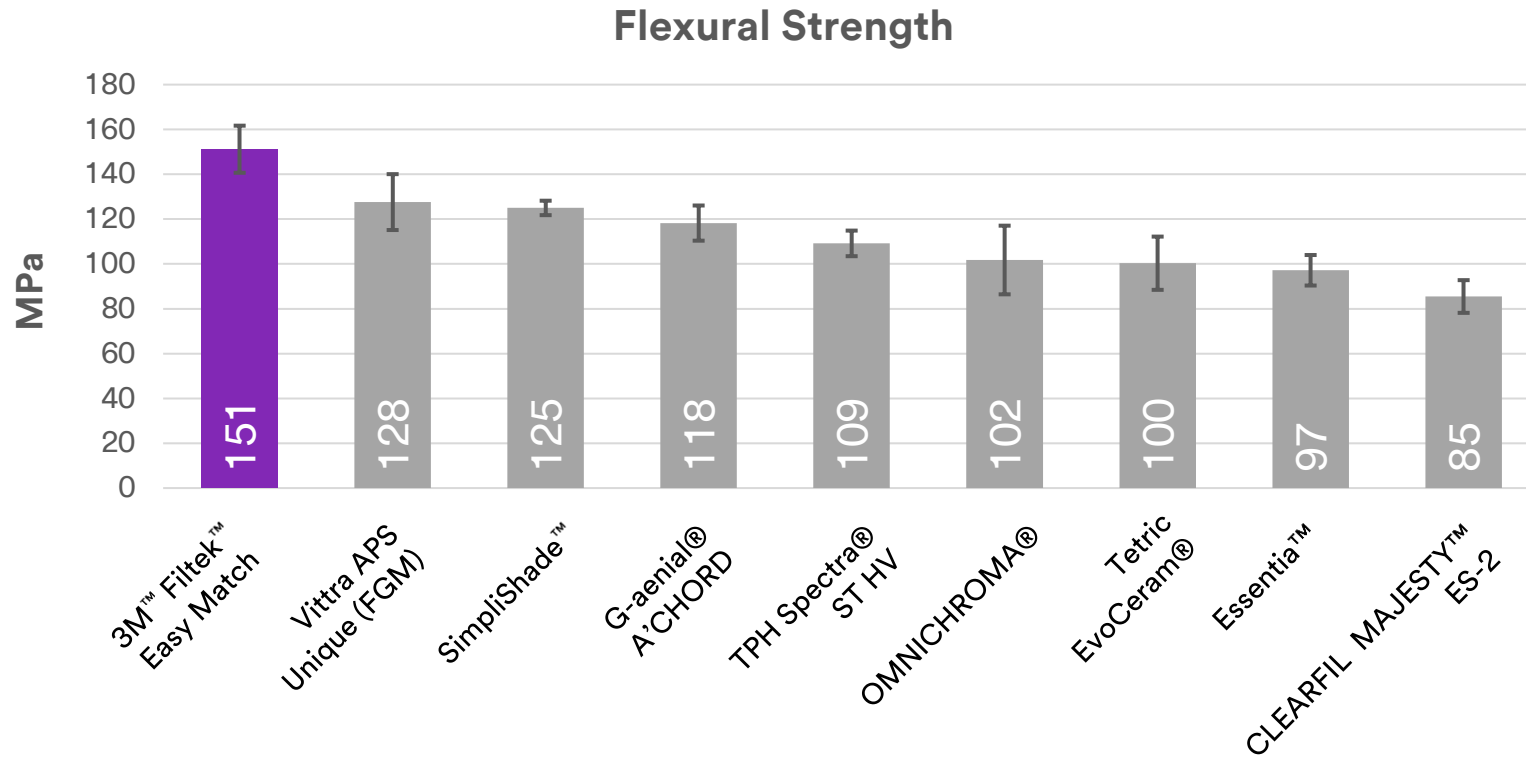
Toothbrush Abrasion | 6000 Cycles



Source: Internal Data.

Tokuyama OMNICHROMA®, Kerr SimpliShade™, Dentsply Sirona TPH Spectra® ST HV, Ivoclar Vivadent Tetric EvoCeram®, FGM Vittra APS Unique, Kuraray CLEARFIL MAJESTY™ ES-2 Universal, GC G-aenial® A`CHORD, GC Essentia™ are not manufactured by 3M.

3M™ Filtek™ Easy Match Universal Restorative

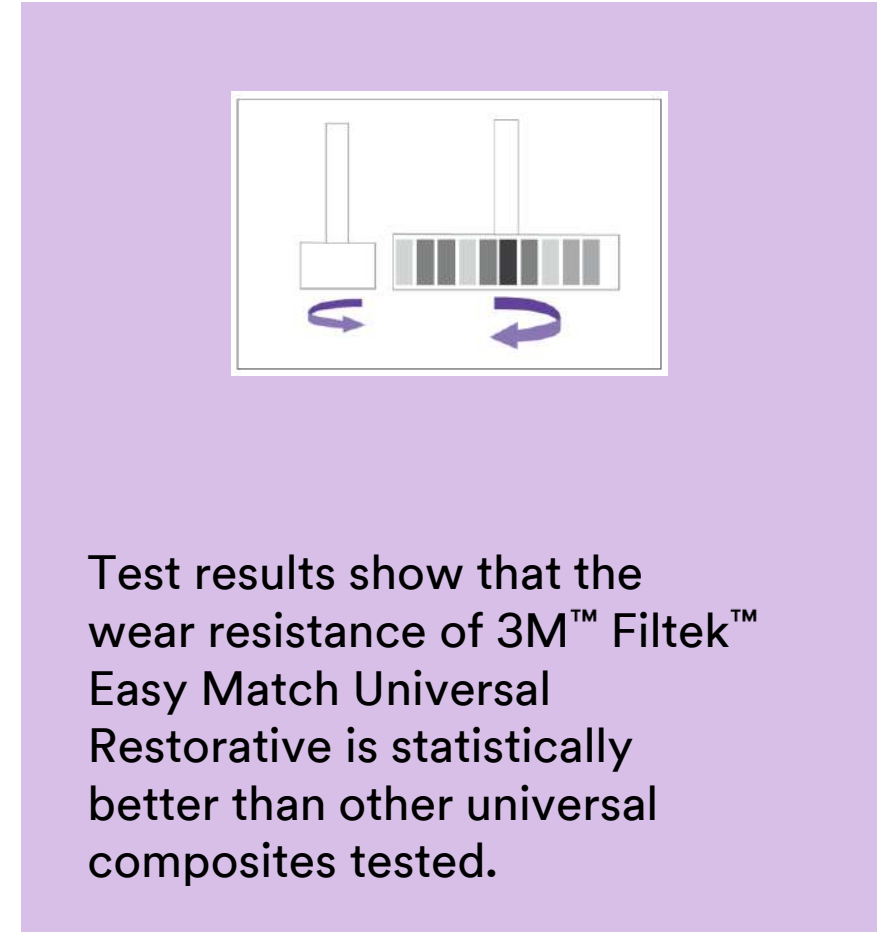
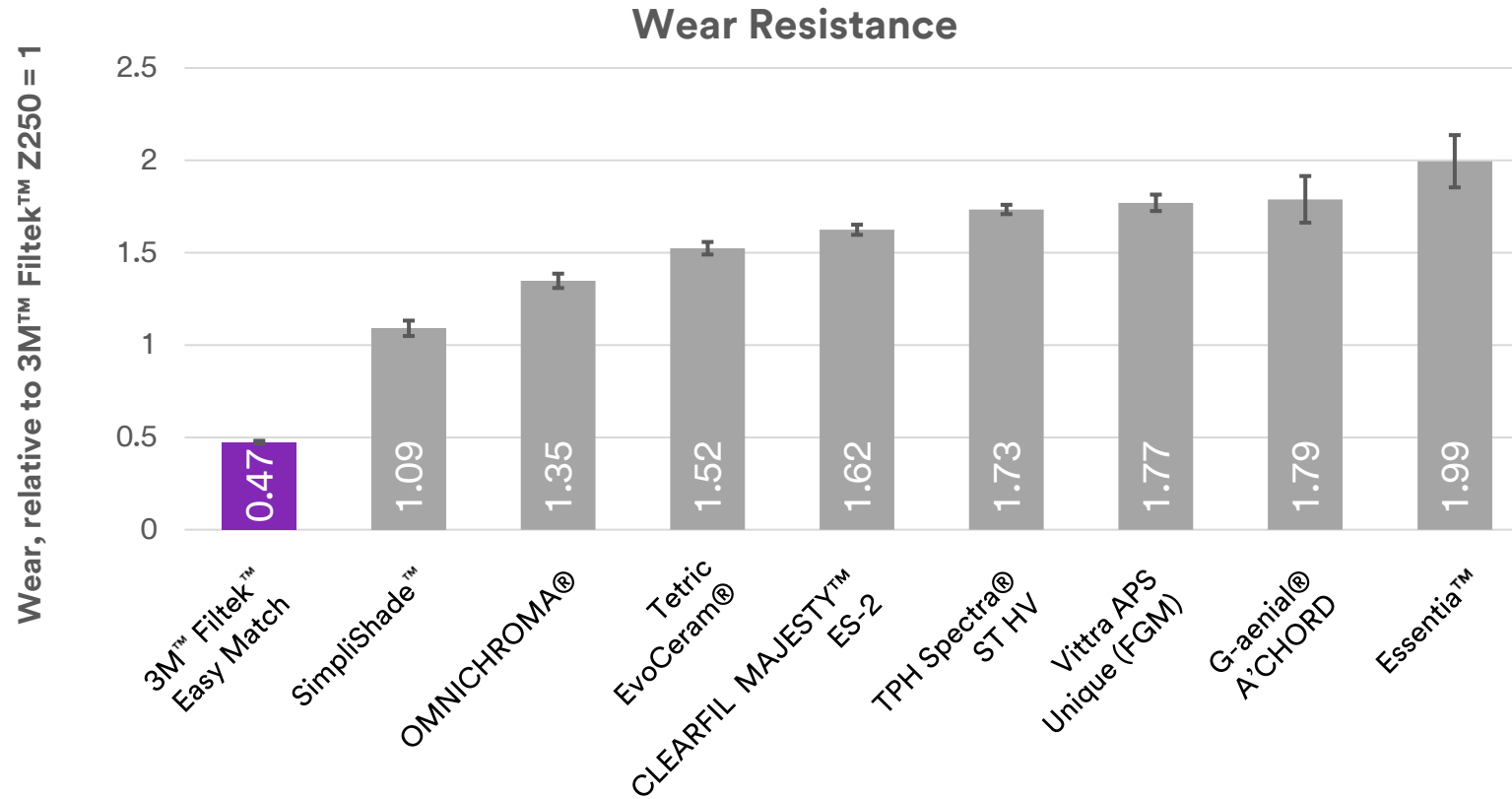


The flexural strength of 3M™ Filtek™ Easy Match Universal Restorative is statistically better than the flexural strength of competitive universal composites tested.

Source: Internal Data.

Tokuyama OMNICHROMA®, Kerr SimpliShade™, Dentsply Sirona TPH Spectra® ST HV, Ivoclar Vivadent Tetric EvoCeram®, FGM Vittra APS Unique, Kuraray CLEARFIL MAJESTY™ ES-2 Universal, GC G-aenial® A'CHORD, GC Essentia™ are not manufactured by 3M.

3M™ Filtek™ Easy Match Universal Restorative

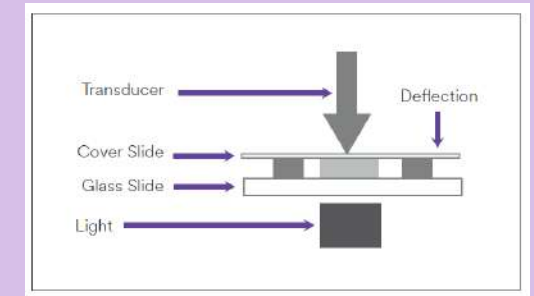
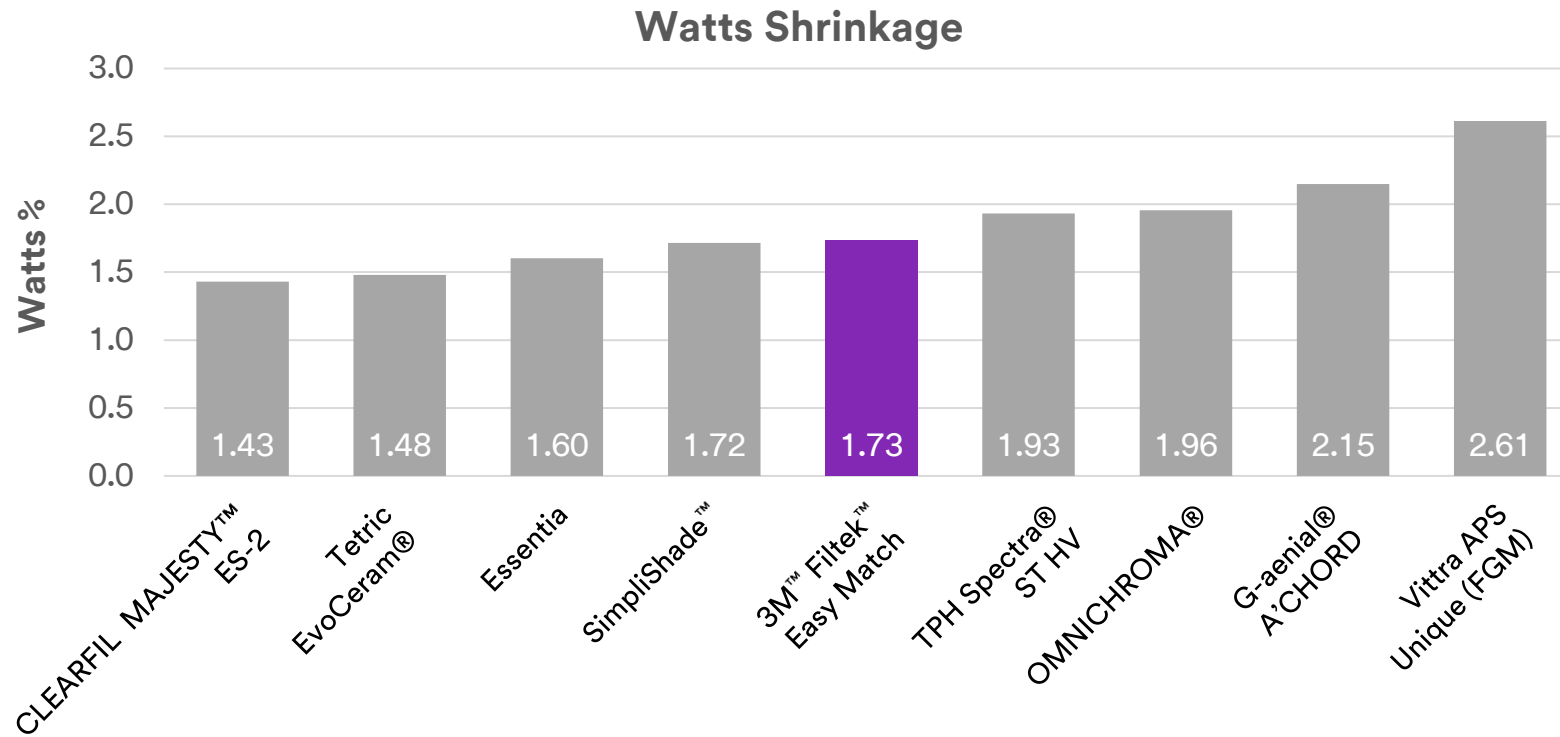


Test results show that the wear resistance of 3M™ Filtek™ Easy Match Universal Restorative is statistically better than other universal composites tested.

Source: Internal Data.

Tokuyama OMNICHROMA®, Kerr SimpliShade™, Dentsply Sirona TPH Spectra® ST HV, Ivoclar Vivadent Tetric EvoCeram®, FGM Vittra APS Unique, Kuraray CLEARFIL MAJESTY™ ES-2 Universal, GC G-aenial® A'CHORD, GC Essentia™ are not manufactured by 3M.

3M™ Filtek™ Easy Match Universal Restorative



Shrinkage can cause stress in the tooth, in the adhesive layer and within the composite. 3M™ Filtek™ performs on par with leading competitors tested.

Source: Internal Data.

Tokuyama OMNICHROMA®, Kerr SimpliShade™, Dentsply Sirona TPH Spectra® ST HV, Ivoclar Vivadent Tetric EvoCeram®, FGM Vittra APS Unique, Kuraray CLEARFIL MAJESTY™ ES-2 Universal, GC G-aenial® A'CHORD, GC Essentia™ are not manufactured by 3M.

3M™ Filtek™ Easy Match Universal Restorative



Property	Measurement Unit	3M™ Filtek™ Easy Match Universal Restorative	Tokuyama OMNICHROMA®	GC G-aenial® A`CHORD	GC Essentia™	Kerr SimpliShade™	Ivoclar Vivadent Tetric EvoCeram®	Dentsply Sirona TPH Spectra® ST HV	Kuraray CLEARFIL MAJESTY™ ES-2 Universal	FGM Vittra APS Unique
Polish Retention	Gloss %	75	34	27	13	69	15	12	28	12
Wear	ACTA 3-body relative to 3M™ Filtek™ Z250 = 1	0.47	1.35	1.79	1.99	1.09	1.52	1.73	1.62	1.77
Fracture Toughness	K _{IC} , MPa m ^{1/2}	1.89	1.29	1.33	1.26	1.52	1.47	1.67	1.23	1.98
Compressive Strength	MPa	361	338	335	295	335	307	348	349	358
Diametral Tensile Strength	MPa	87	72	72	63	74	58	70	57	77
Flexural Strength	MPa	151	102	118	97	125	100	109	85	128
Volumetric Shrinkage	Watts %	1.73	1.96	2.15	1.60	1.72	1.48	1.93	1.43	2.61

Source: Internal Data.

Tokuyama OMNICHROMA®, Kerr SimpliShade™, Dentsply Sirona TPH Spectra® ST HV, Ivoclar Vivadent Tetric EvoCeram®, FGM Vittra APS Unique, Kuraray CLEARFIL MAJESTY™ ES-2 Universal, GC G-aenial® A`CHORD, GC Essentia™ are not manufactured by 3M.














3M™ Filtek™ Easy Match Universal Restorative



Part of the 3M™ Filtek™ Dental Restorative family

Trusted for more than 50 years. 2 billion restorations – and counting.

3M™ Filtek™ Dental Restoratives: Choosing your composite

		Esthetics & Versatility		Esthetics & Simplicity		Efficiency & Simplicity		
Properties		3M™ Filtek™ Supreme Ultra Universal Restorative	3M™ Filtek™ Supreme Flowable Restorative	3M™ Filtek™ Easy Match Universal Restorative	3M™ Filtek™ Universal Restorative	3M™ Filtek™ One Bulk Fill Restorative	3M™ Filtek™ Bulk Fill Flowable Restorative	
	Primary benefits	<ul style="list-style-type: none"> Exceptional esthetics with natural-looking fluorescence Outstanding strength for anterior and posterior 	<ul style="list-style-type: none"> Virtually no bubbles or “run-on” Ergonomic design Selection of cannula tip sizes (20G, 27G) 	<ul style="list-style-type: none"> Quick, easy and intuitive shade selection without sacrificing opacity Simplified single-layer restorations, with no blocker needed Naturally-adaptive opacity 	<ul style="list-style-type: none"> Universal opacity for consistent esthetics Pink Opaquer to mask dark areas Low shrinkage stress 	<ul style="list-style-type: none"> Increased opacity for improved esthetics One-step placement up to 5mm 	<ul style="list-style-type: none"> Virtually no bubbles or “run-on” One-step placement up to 4mm Ergonomic design 	
	Number of shades	36 (Dentin, Body, Enamel, Translucent)	12	3	8 (plus Extra White and Pink Opaquer)	5	4	
	TRUE nanotechnology	Yes	Yes	Yes	Yes	Yes	No	
	Handling	Firm	Flows on demand	Firm	Creamy	Sculptable	Adapts easily	
	Polish retention	Excellent					N/A*	
	Wear resistance	Excellent					N/A*	
	Safe for composite warming and injection molding^{1,2}	Capsules	Syringes & Capsules	Capsules	Capsules	Capsules	Syringes & Capsules	
								

¹ Warm capsules to up to 70°C (158°F) for up to 1 hour. ² Warm flowable syringes to up to 70°C (158°F) for up to 1 hour, up to 25 times. ³ Internal data.
 *Filtek Bulk Fill Flowable’s intended use requires allowing at least 2 mm on the occlusal cavosurface for a universal or posterior composite.

For a full list of indications, please refer to the product Instructions for Use.