



DEPTH MATRIX GUIDE OF DIFFERENT COMPOSITE MATERIALS

UNDERSTANDING THE CHARTS

Step 1: Identify the graph of the composite material brand you are using.

Step 2: Identify the shade you are using and use the key at the bottom of the graph to determine which line identifies the shade you are using.

Step 3: Pick a cure time (located at the bottom of the graph, along the X-axis)

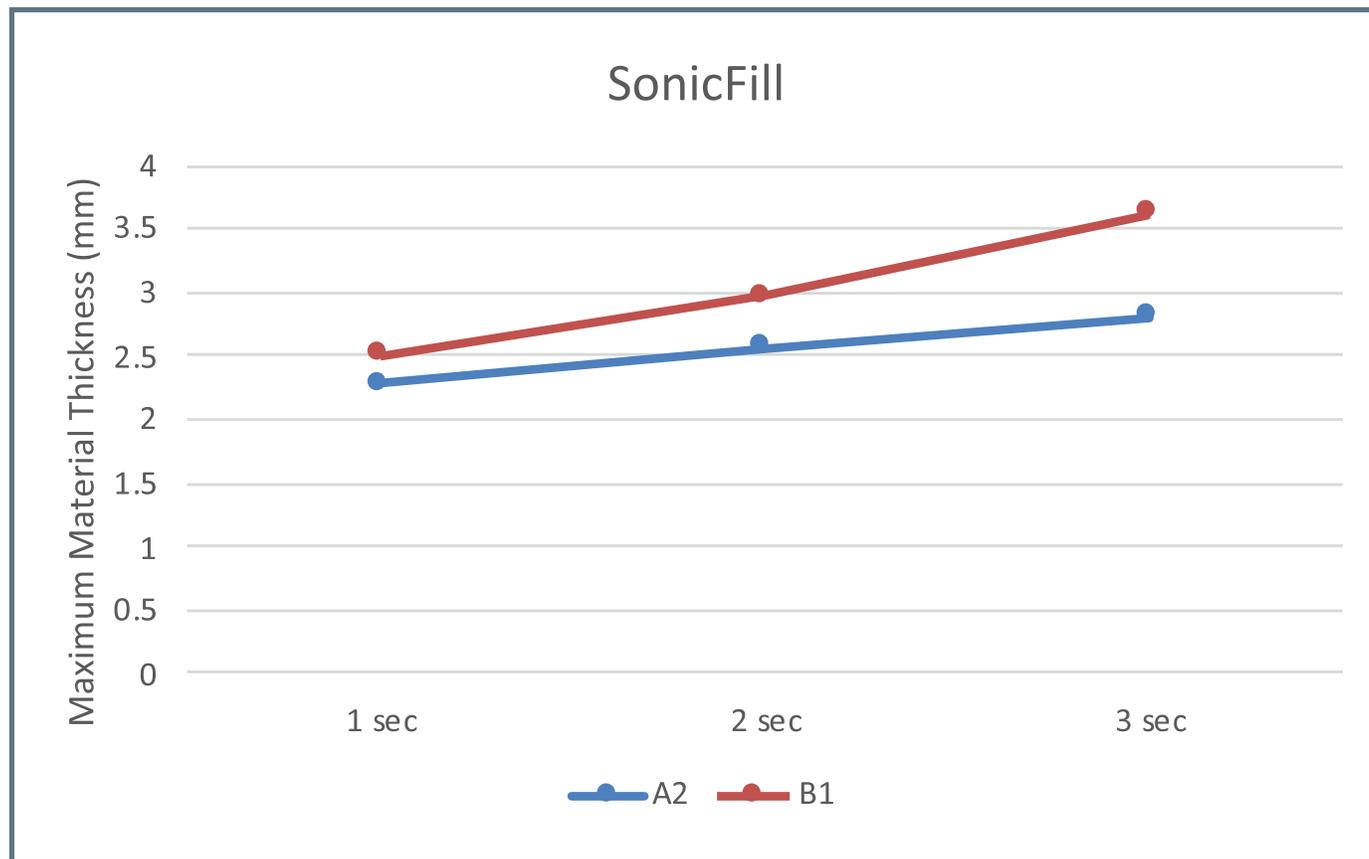
Step 4: Follow your cure time up to the shade line

Step 5: Your cure depth will be on the left side of the graph (along the Y-axis)

NOTE: If the composite materials you currently use are not on the list, identify and choose the closest brand and shade as reference or contact CAO Group.

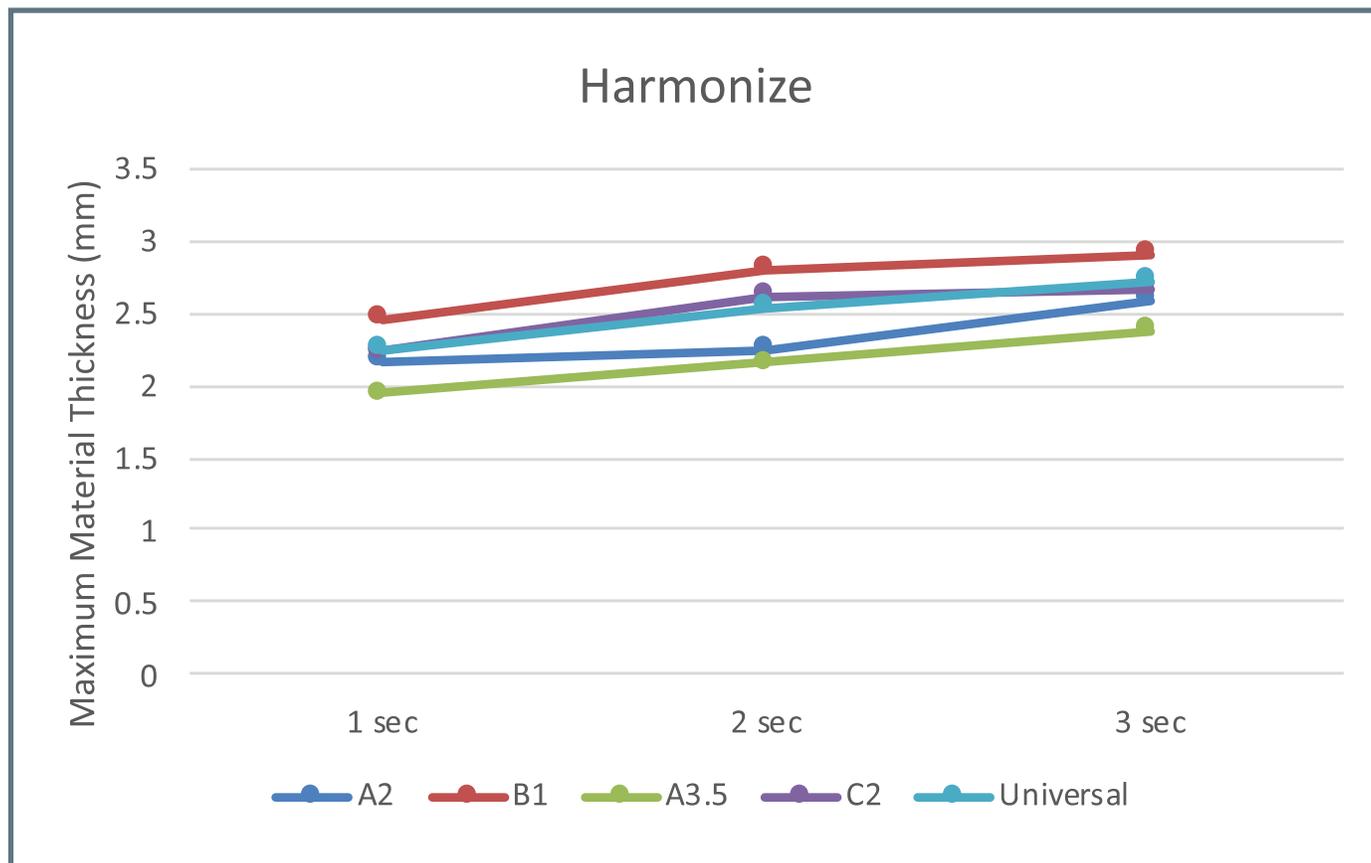
SonicFill™	1 sec	2 sec	3 sec
A2	2.28	2.56	2.8
B1	2.51	2.97	3.62

SonicFill is a registered trademark of Kerr Corporation.*



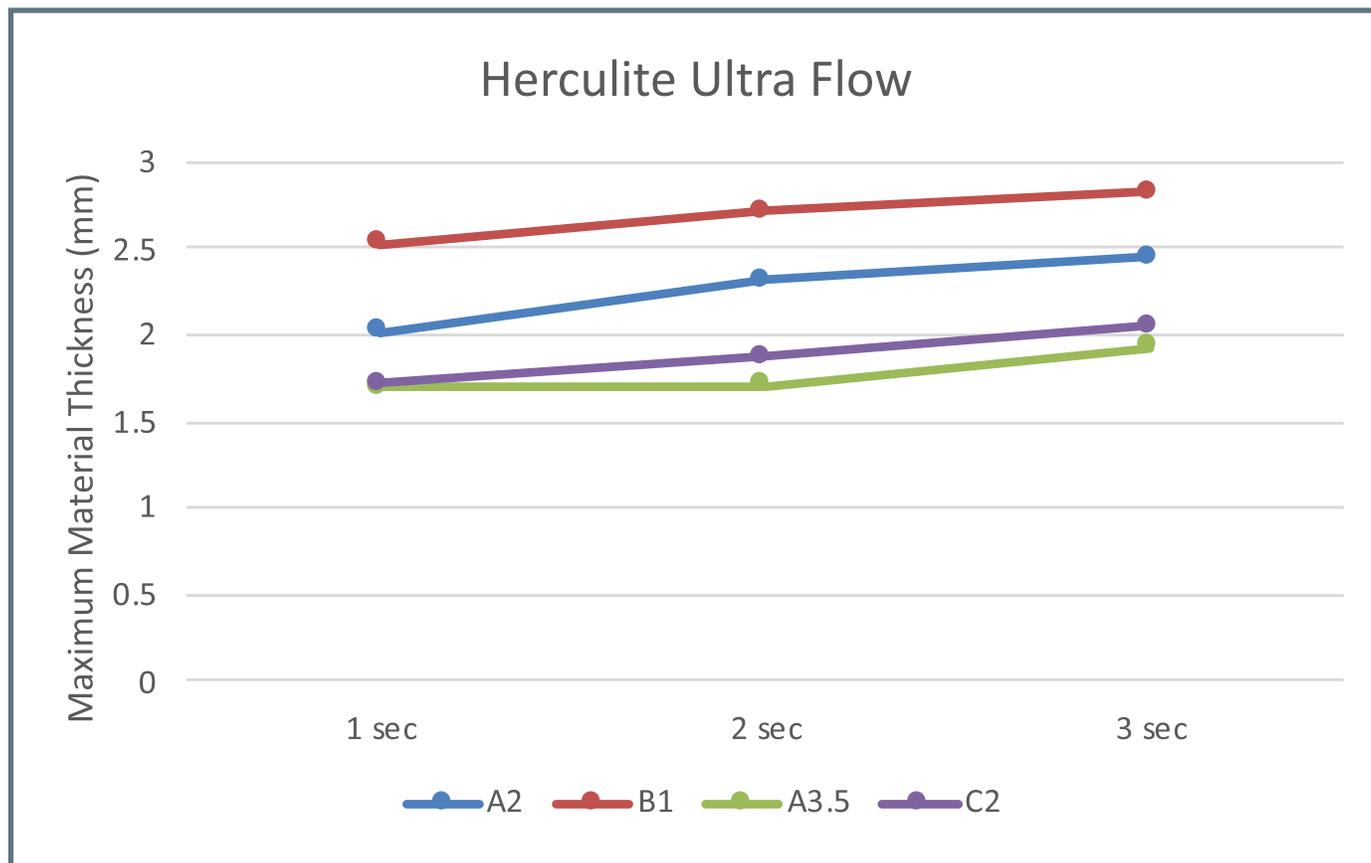
Harmonize™	1 sec	2 sec	3 sec
A2	2.17	2.25	2.59
B1	2.46	2.8	2.9
A3.5	1.94	2.15	2.38
C2	2.23	2.61	2.66
Universal	2.24	2.54	2.72

Harmonize is a registered trademark of Kerr Corporation.*



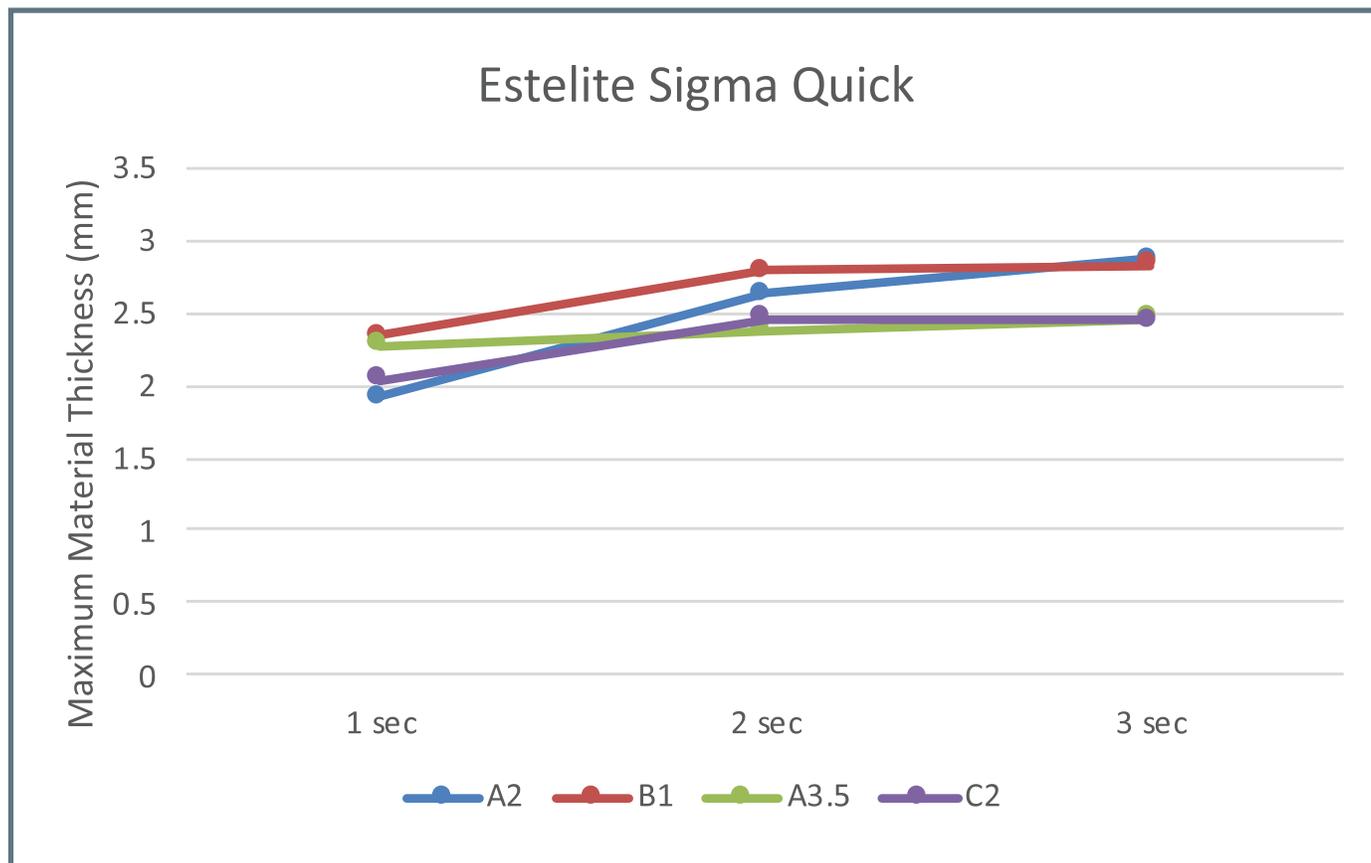
Herculite™ Ultra Flow	1 sec	2 sec	3 sec
A2	2.01	2.31	2.44
B1	2.52	2.71	2.82
A3.5	1.69	1.71	1.92
C2	1.72	1.87	2.05

Herculite Ultra Flow is a registered trademark of Kerr Corporation.*



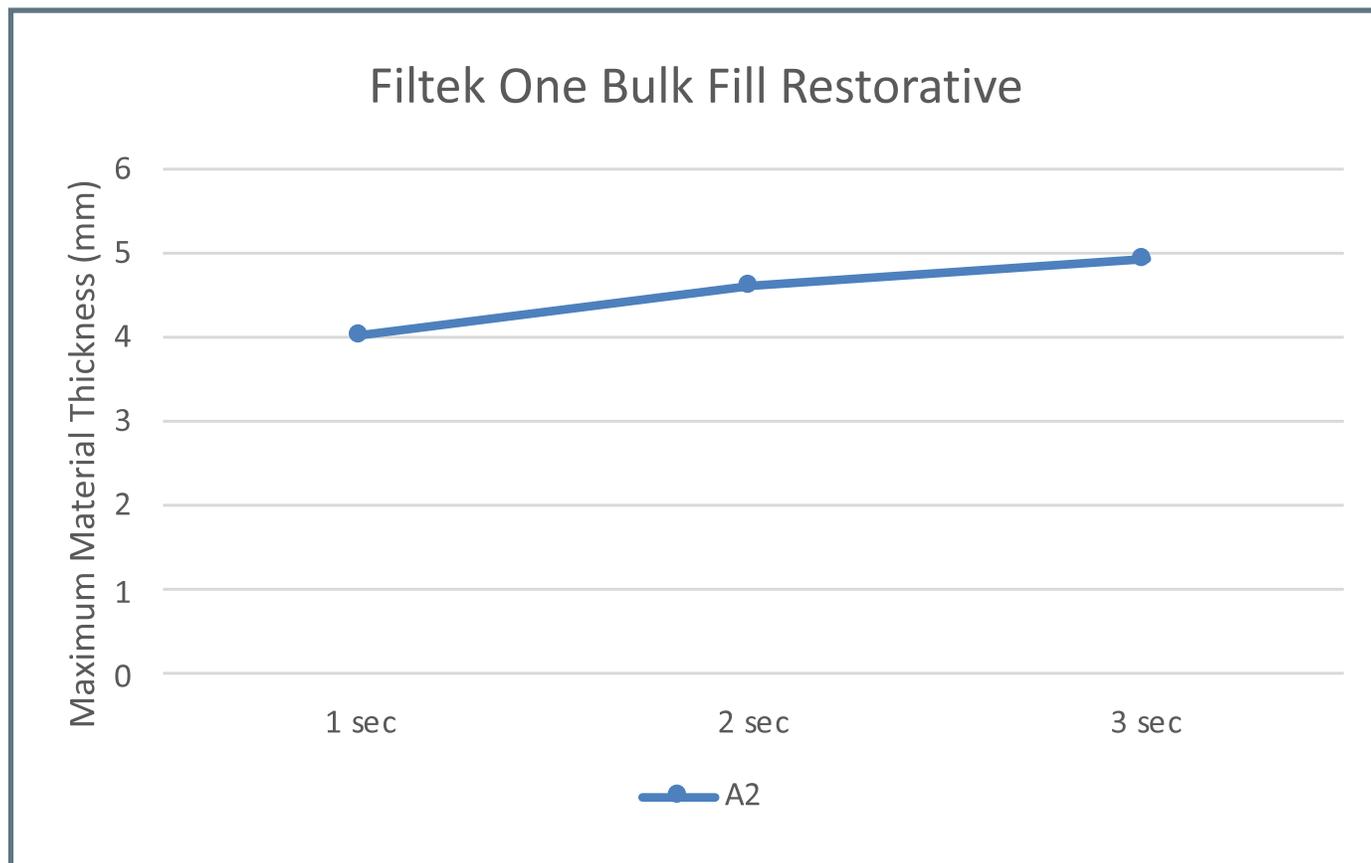
Estelite® Sigma Quick	1 sec	2 sec	3 sec
A2	1.92	2.63	2.86
B1	2.34	2.79	2.83
A3.5	2.27	2.37	2.45
C2	2.04	2.45	2.44

Estelite Sigma Quick is a registered trademark of Tokuyama Dental Corporation.*



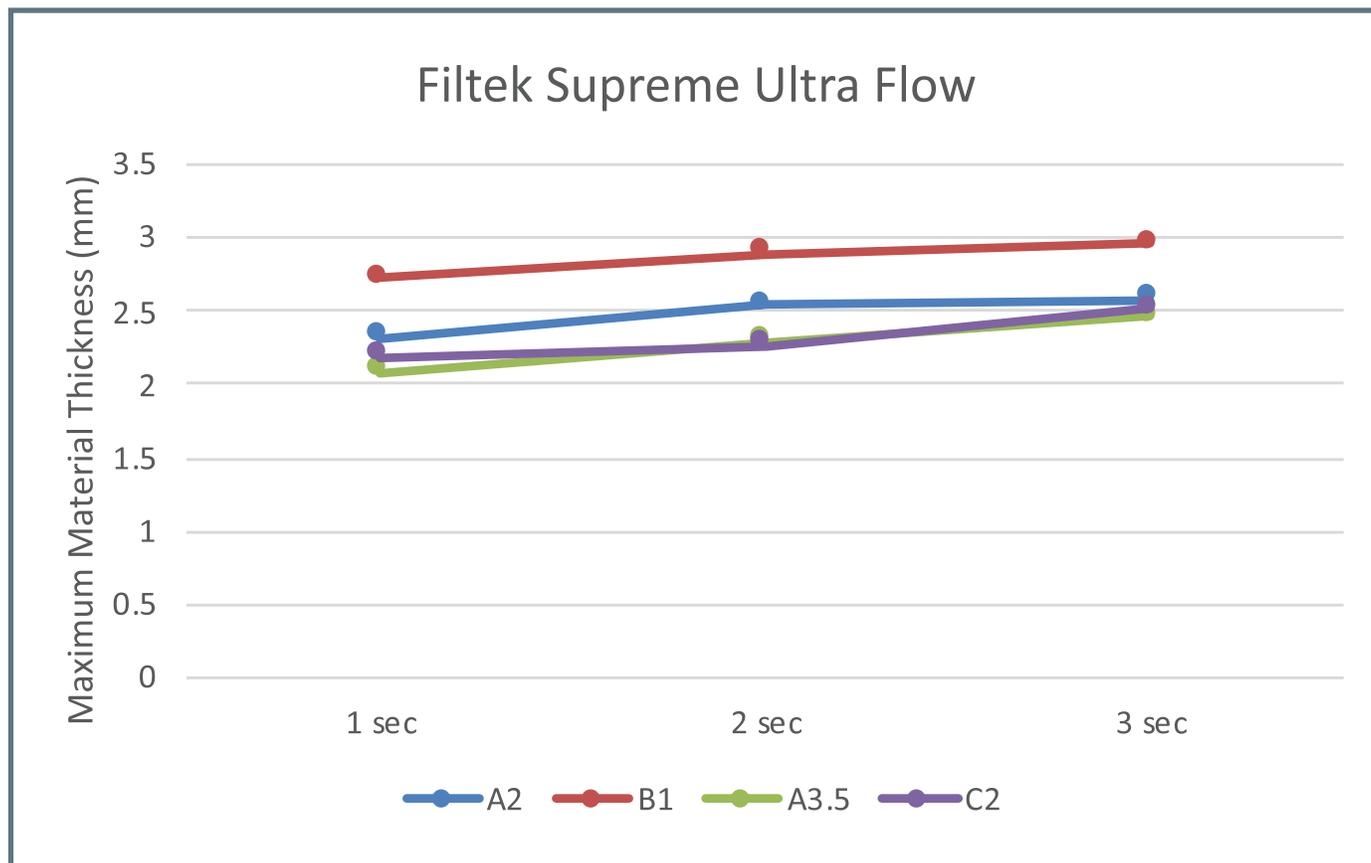
Filtek™ One Bulk Fill	1 sec	2 sec	3 sec
A2	4.01	4.6	4.91

Filtek One Bulk Fill Restorative is a registered trademark of 3M ESPE.*



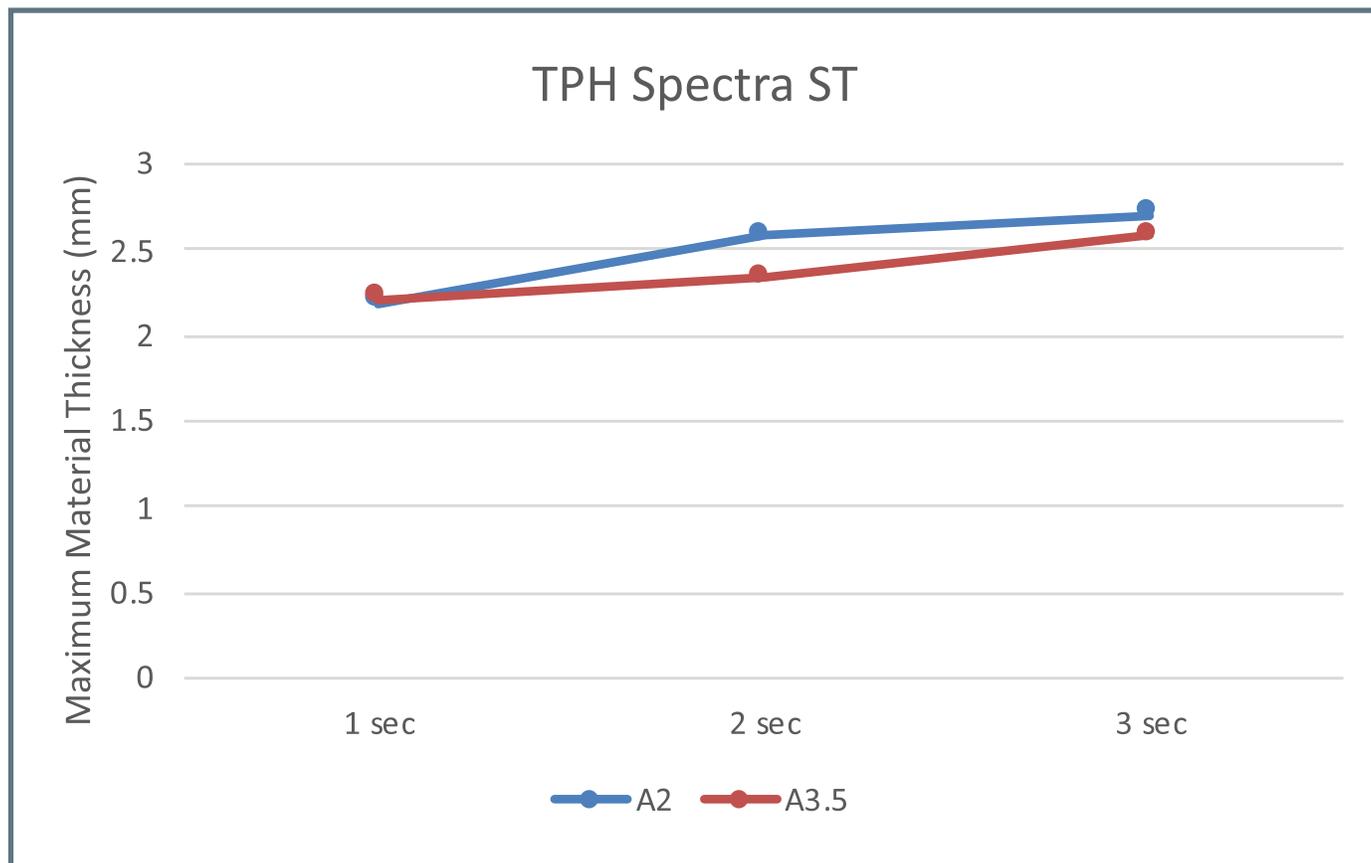
Filtek™ Supreme Ultra Flow	1 sec	2 sec	3 sec
A2	2.32	2.54	2.58
B1	2.72	2.9	2.96
A3.5	2.09	2.29	2.46
C2	2.19	2.27	2.52

Filtek Supreme Ultra Flow is a registered trademark of 3M ESPE.*



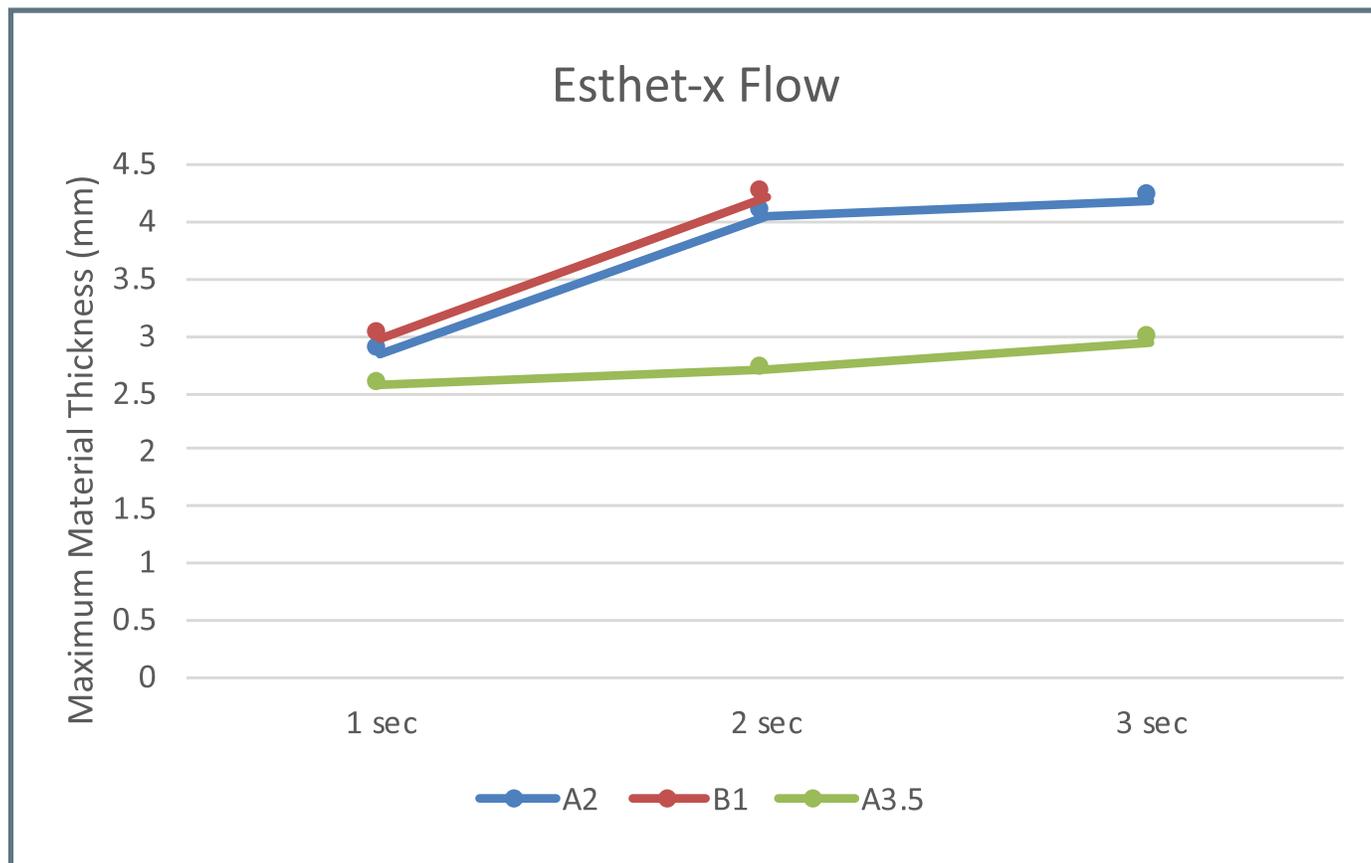
TPH Spectra® ST	1 sec	2 sec	3 sec
A2	2.19	2.58	2.71
A3.5	2.21	2.34	2.58

TPH Spectra ST is a registered trademark of Dentsply Sirona.*



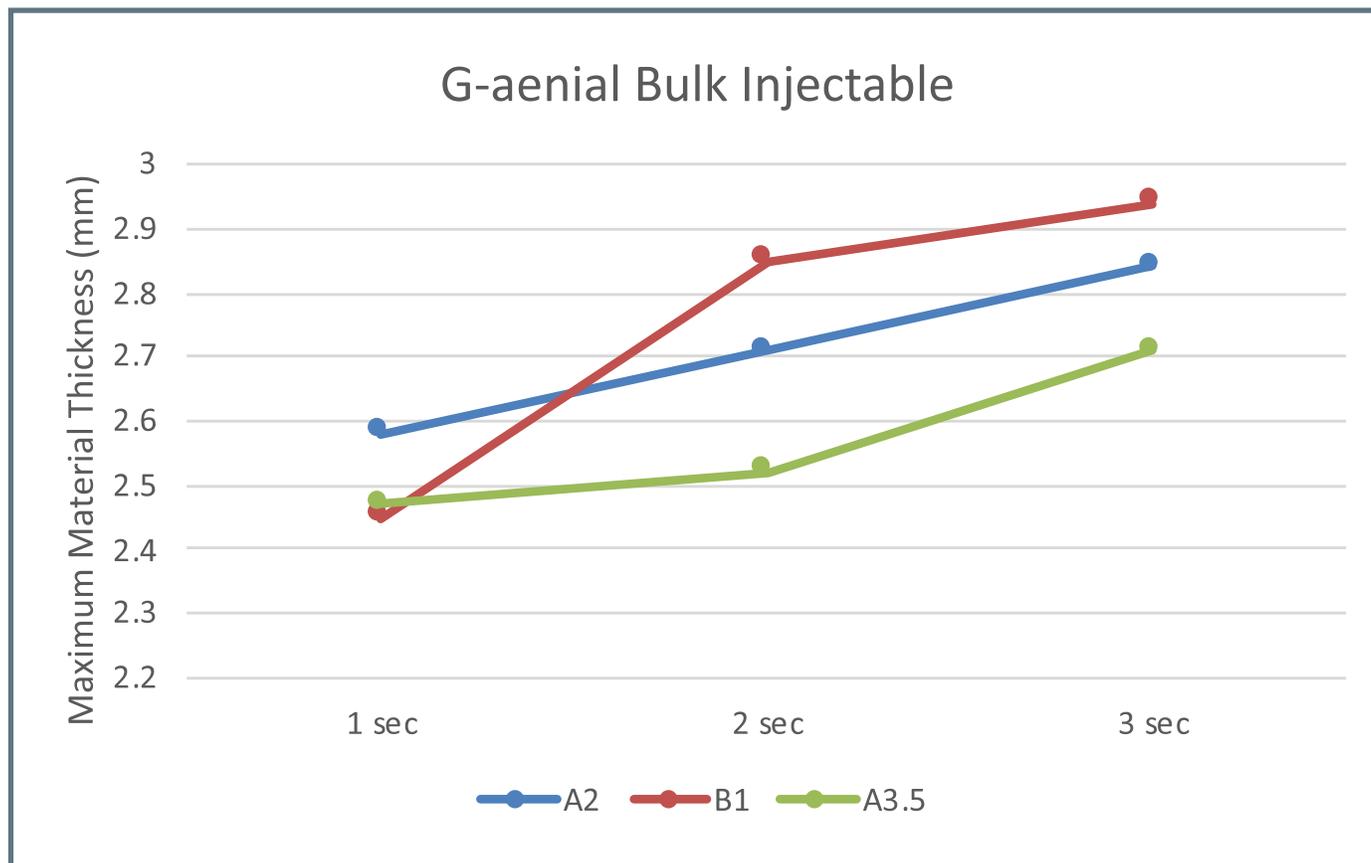
Esthet-X® Flow	1 sec	2 sec	3 sec
A2	2.84	4.05	4.2
B1	2.98	4.23	
A3.5	2.56	2.69	2.95

Esthet-X Flow is a registered trademark of Dentsply Sirona.*



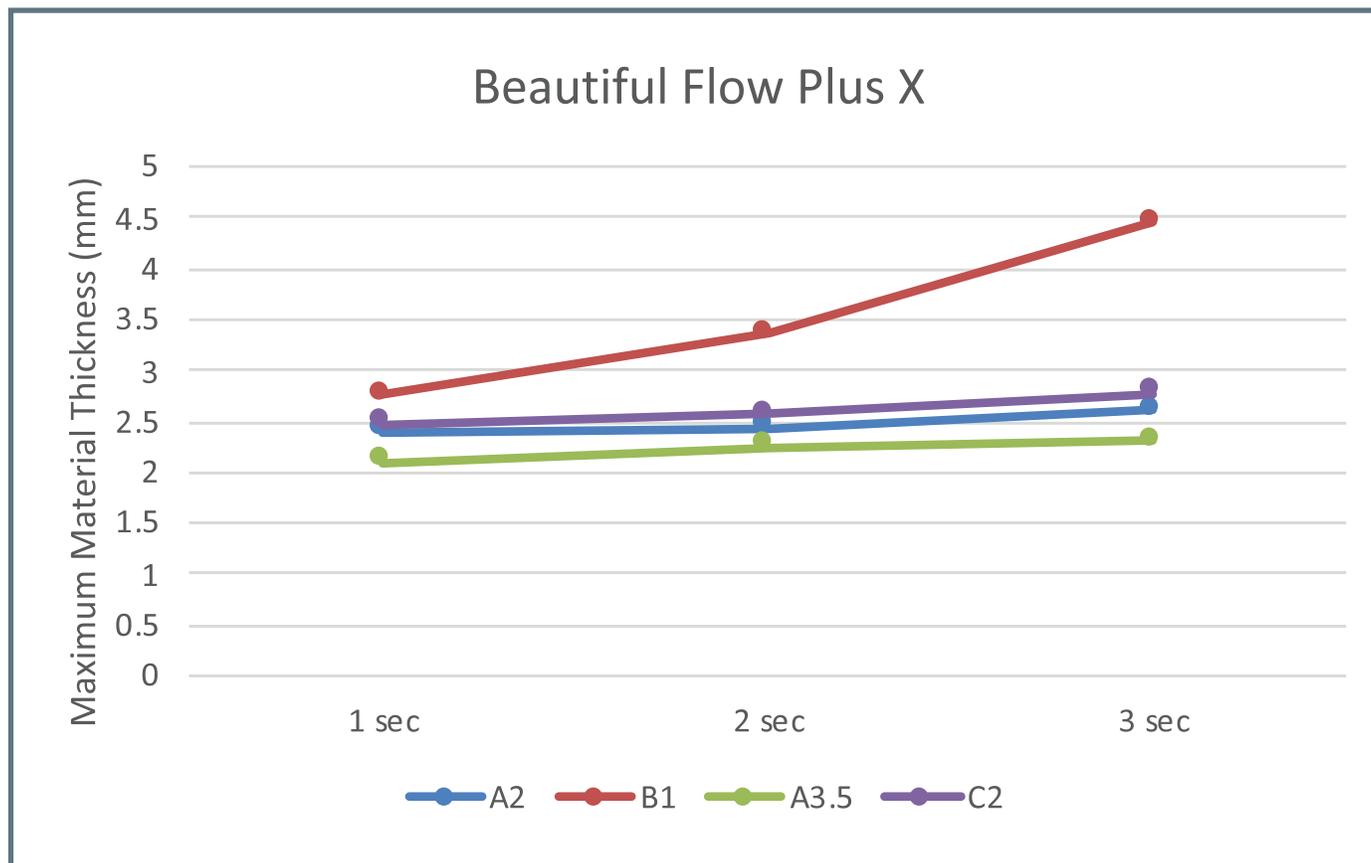
G-ænial™ Bulk Injectable	1 sec	2 sec	3 sec
A2	2.58	2.71	2.84
B1	2.45	2.85	2.94
A3.5	2.47	2.52	2.71

G-ænial Bulk Injectable is a registered trademark of GC America.*



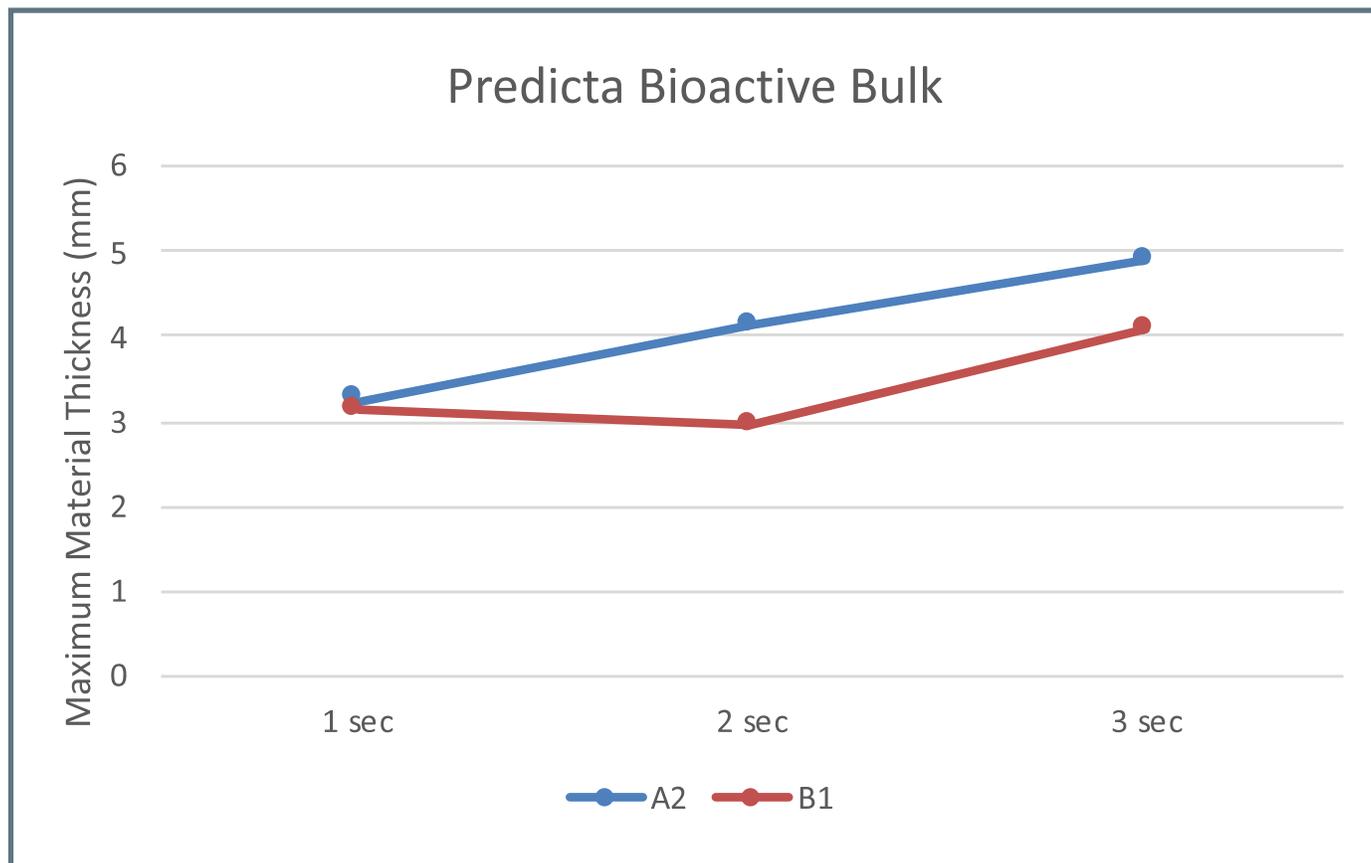
Beautiful™ Flow Plus X	1 sec	2 sec	3 sec
A2	2.39	2.44	2.6
B1	2.76	3.36	4.44
A3.5	2.09	2.24	2.3
C2	2.47	2.57	2.78

Beautiful Flow Plus X is a registered trademark of SHOFU.*



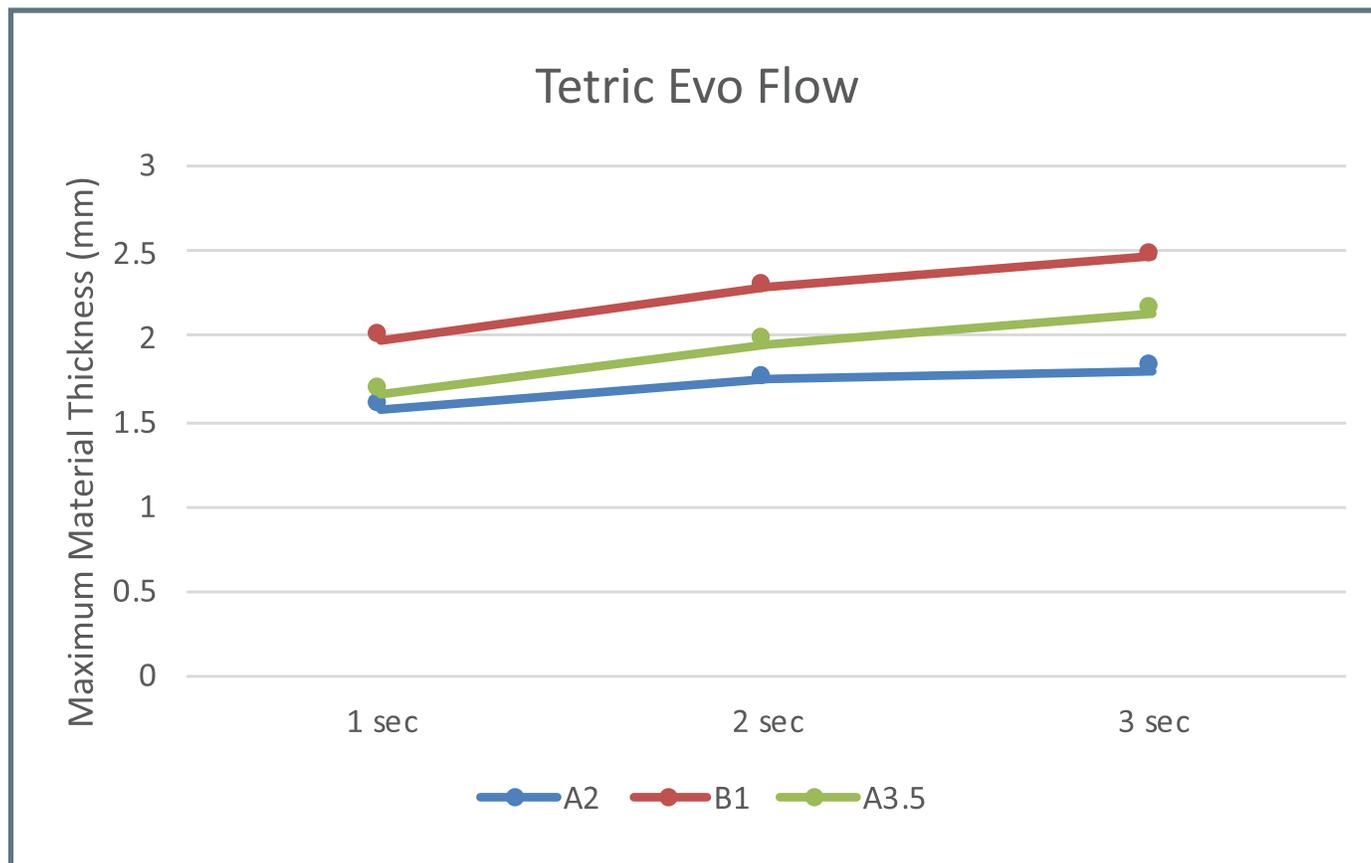
Predicta™ Bioactive Bulk	1 sec	2 sec	3 sec
A2	3.24	4.11	4.89
B1	3.12	2.95	4.07

Predicta Bioactive Bulk is a registered trademark of Parkell.*



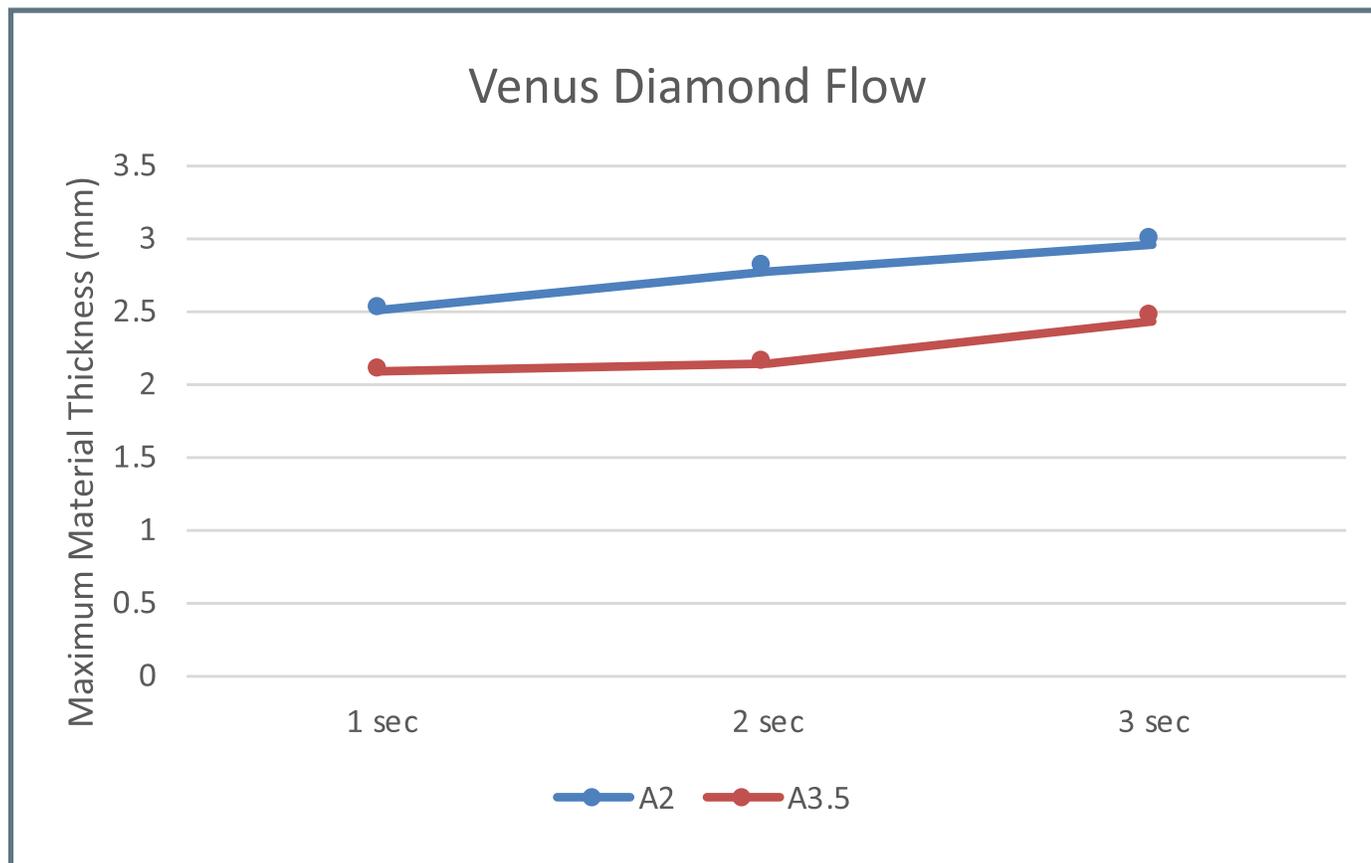
Tetric EvoFlow®	1 sec	2 sec	3 sec
A2	1.57	1.74	1.8
B1	1.98	2.29	2.47
A3.5	1.66	1.96	2.14

Tetric EvoFlow is a registered trademark of Ivoclar Vivadent.*



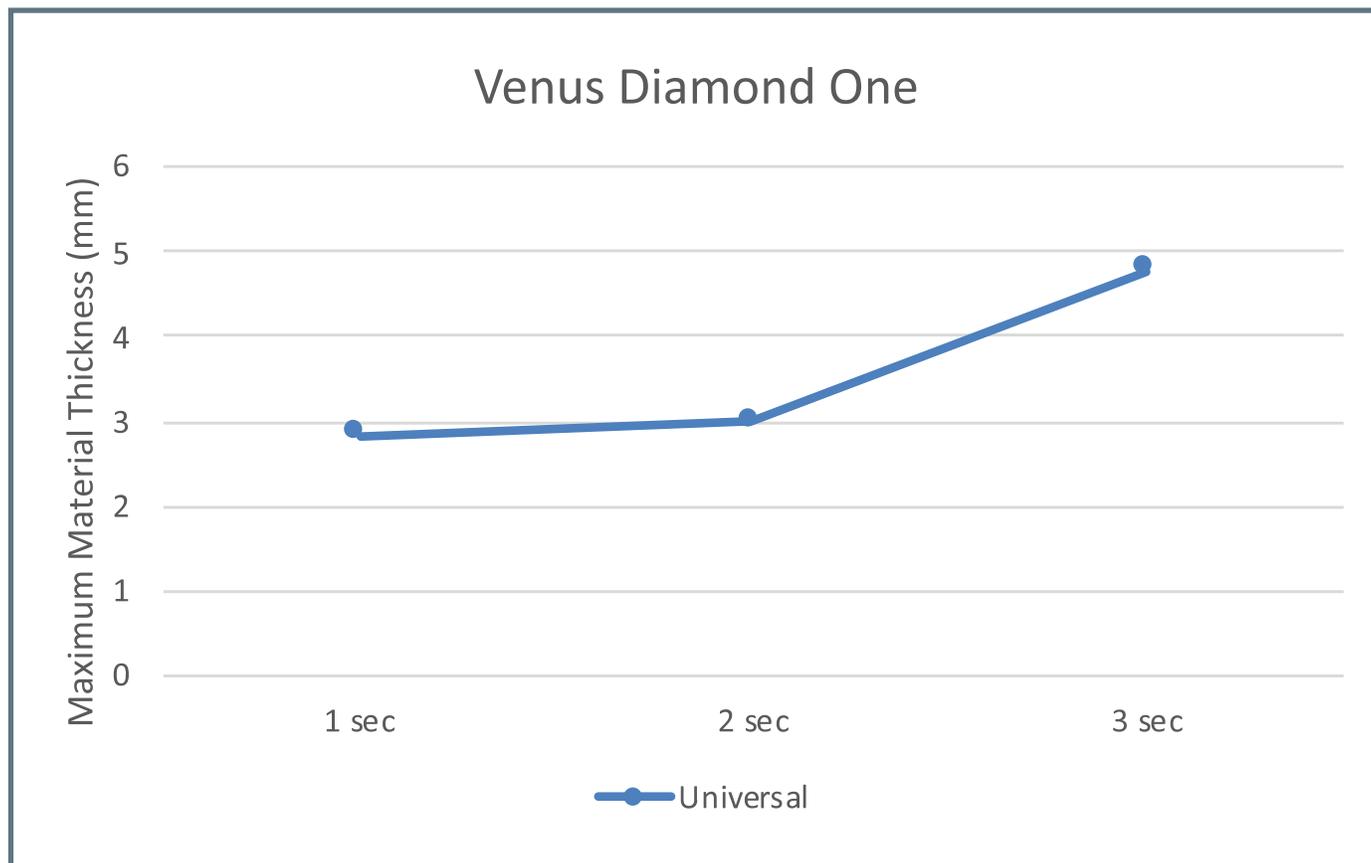
Venus® Diamond Flow	1 sec	2 sec	3 sec
A2	2.51	2.79	2.97
A3.5	2.09	2.14	2.44

Venus Diamond Flow is a registered trademark of Kulzer GmbH.*



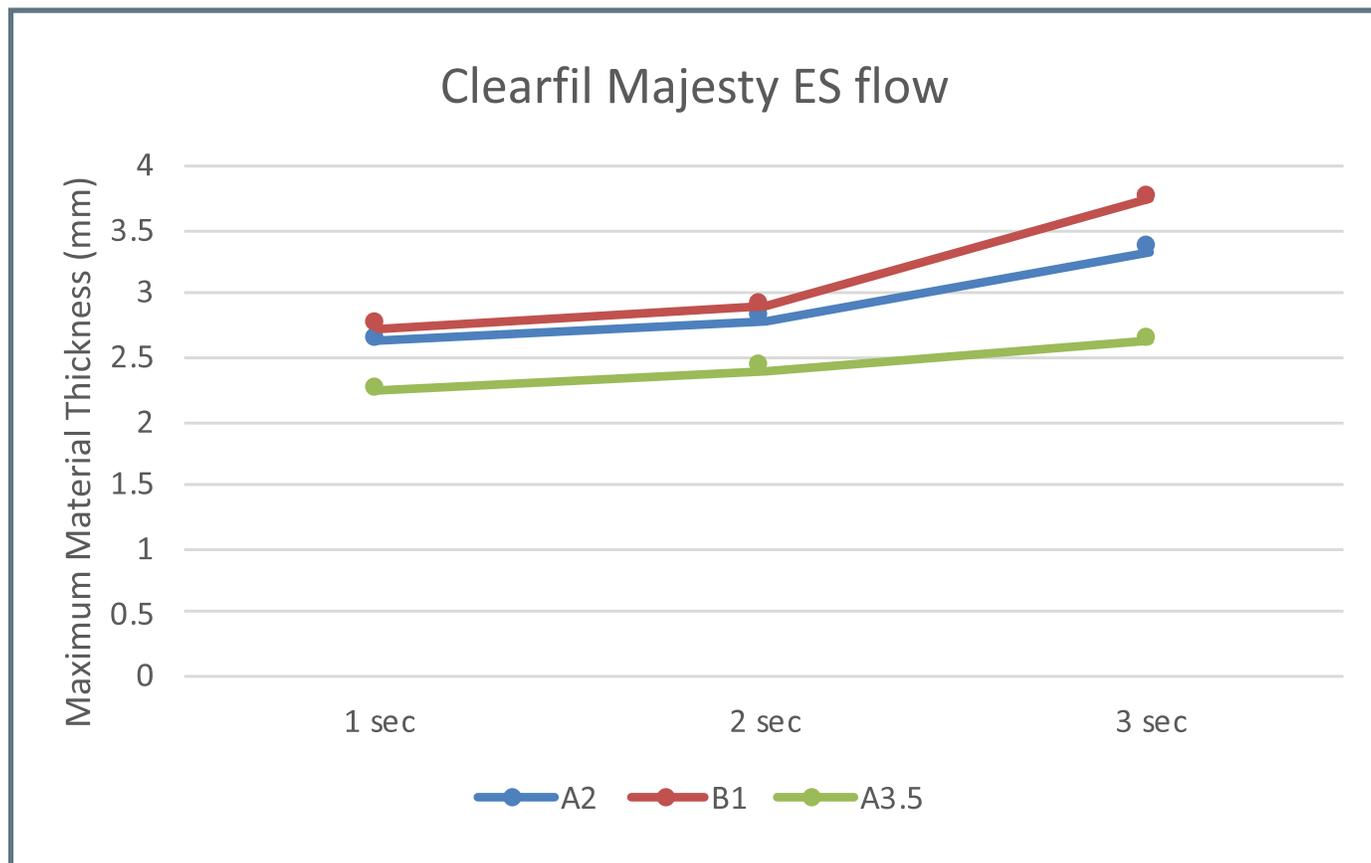
Venus® Diamond One	1 sec	2 sec	3 sec
Universal	2.83	2.99	4.78

Venus Diamond Flow is a registered trademark of Kulzer GmbH.*



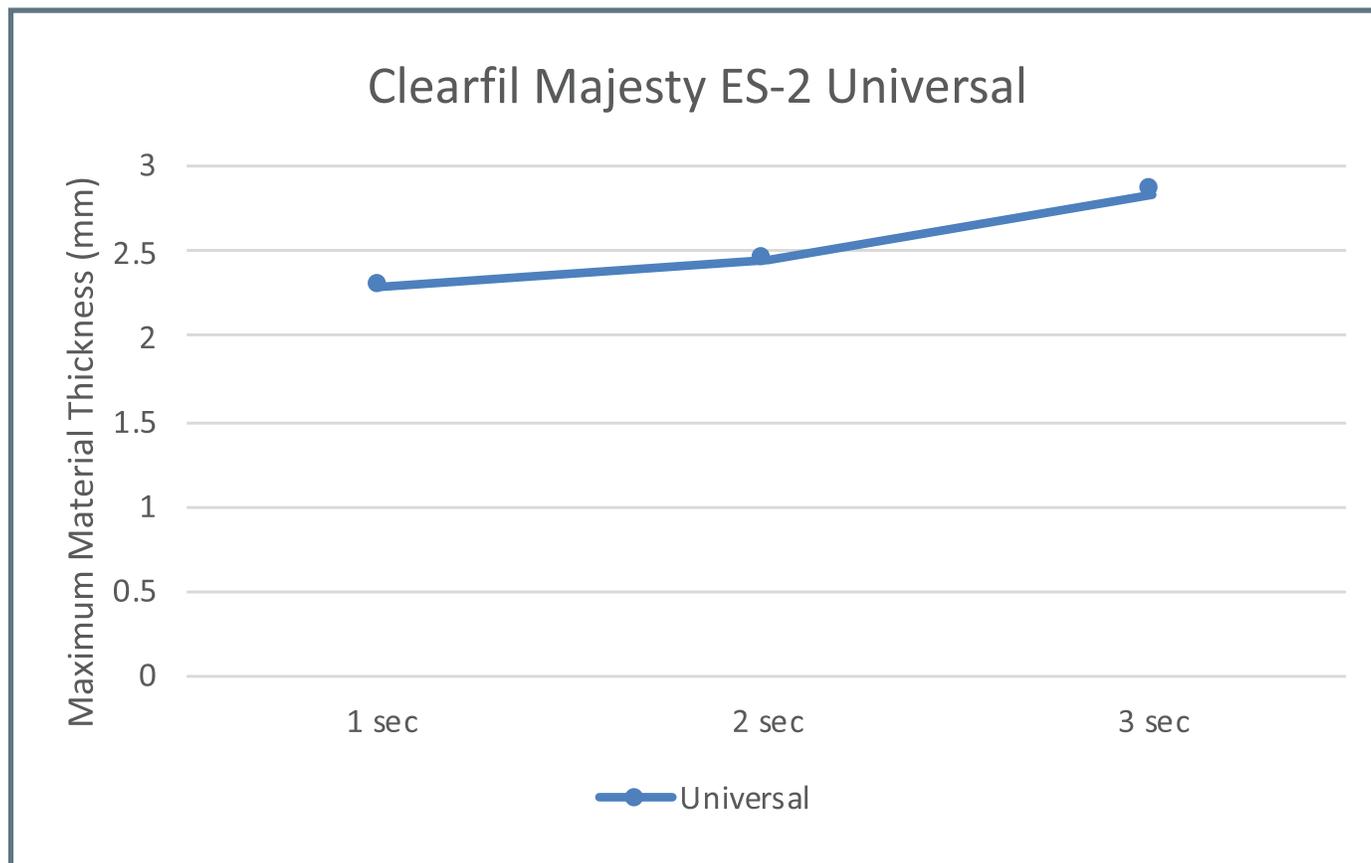
Clearfil™ Majesty ES flow	1 sec	2 sec	3 sec
A2	2.62	2.79	3.34
B1	2.73	2.9	3.74
A3.5	2.23	2.40	2.62

Clearfil Majesty ES flow is a registered trademark of Kuraray America.*



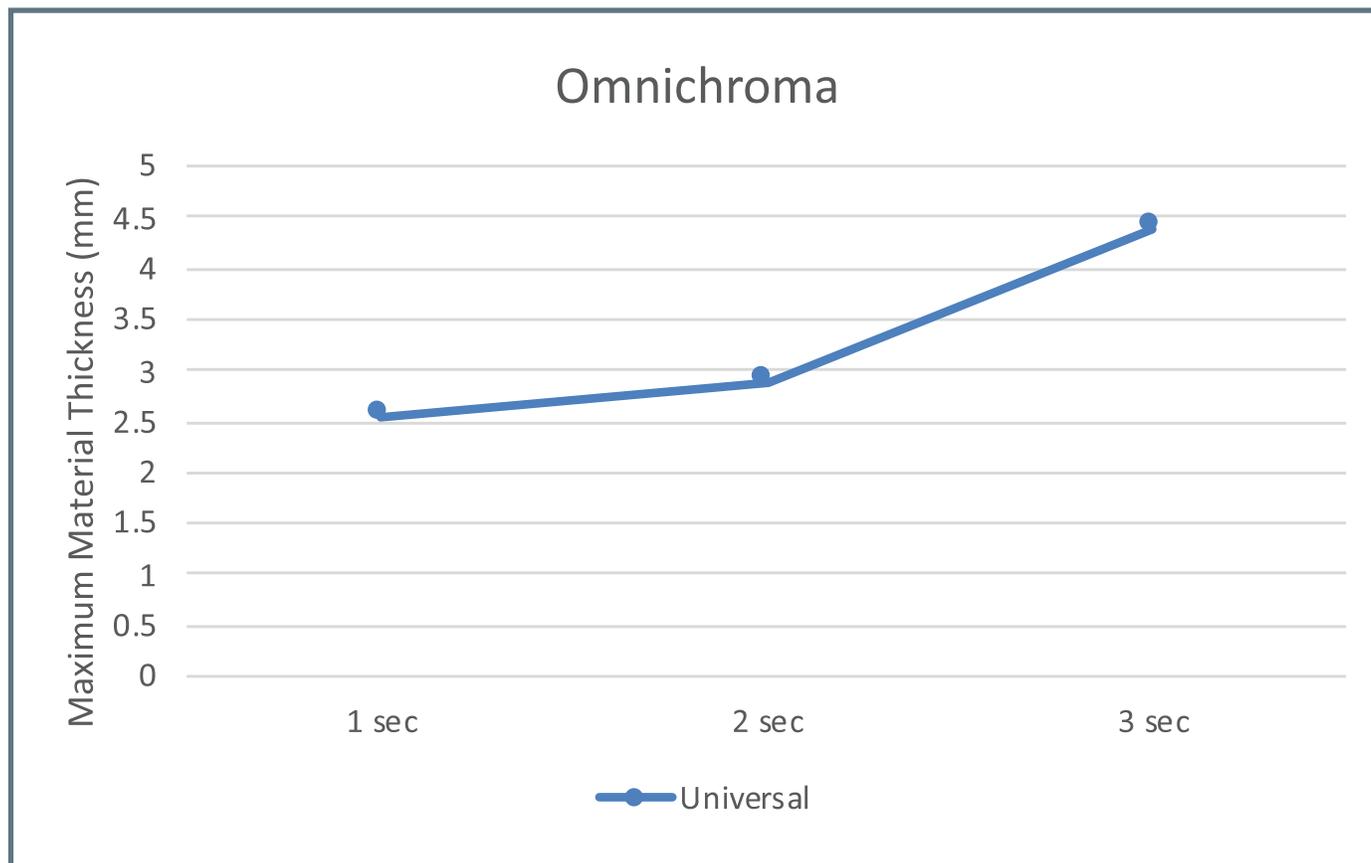
Clearfil™ Majesty ES-2	1 sec	2 sec	3 sec
Universal	2.28	2.44	2.84

Clearfil Majesty ES-2 Universal is a registered trademark of Kuraray America.*



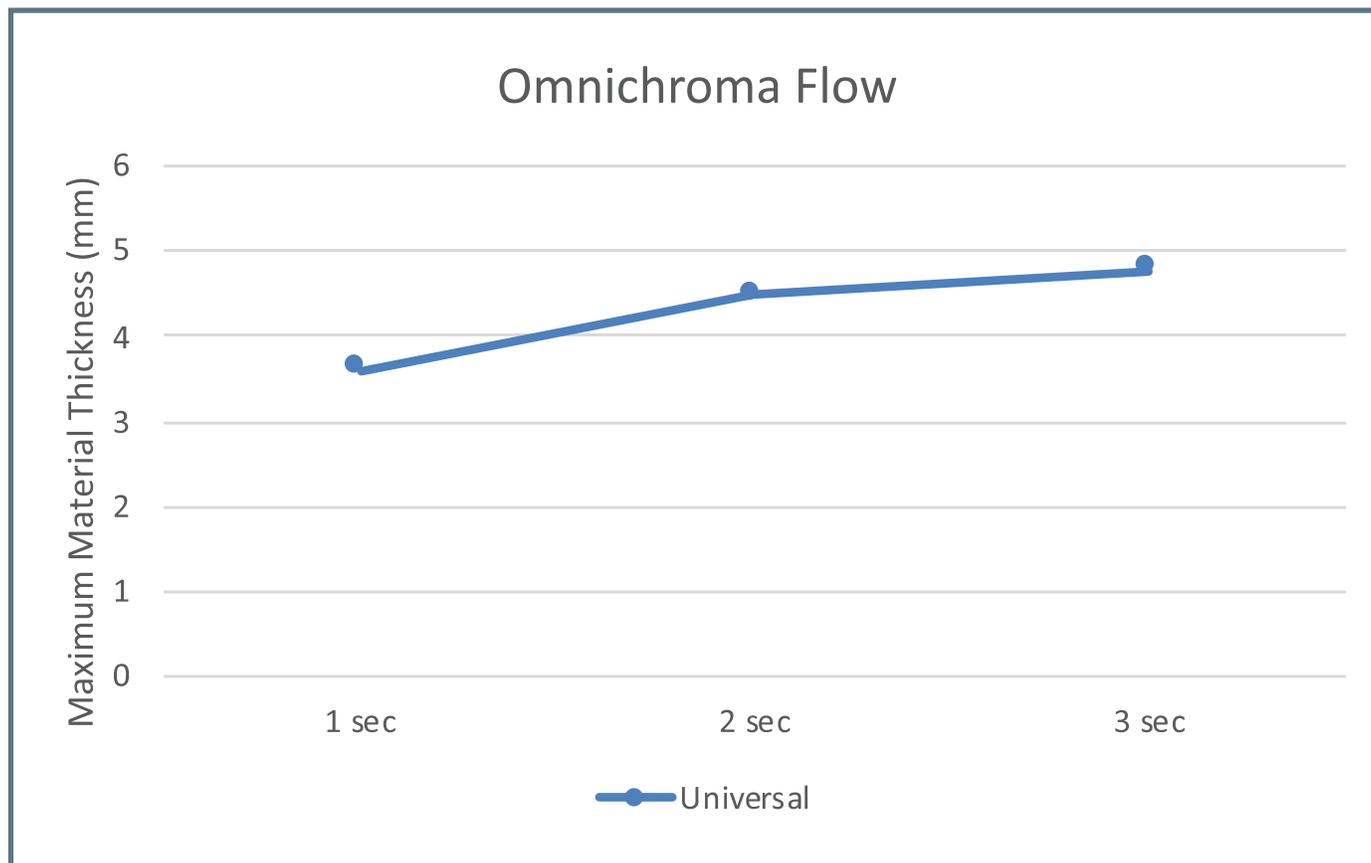
Omnichroma™	1 sec	2 sec	3 sec
Universal	2.55	2.89	4.4

Omnichroma is a registered trademark of Tokuyama Dental Corporation.*



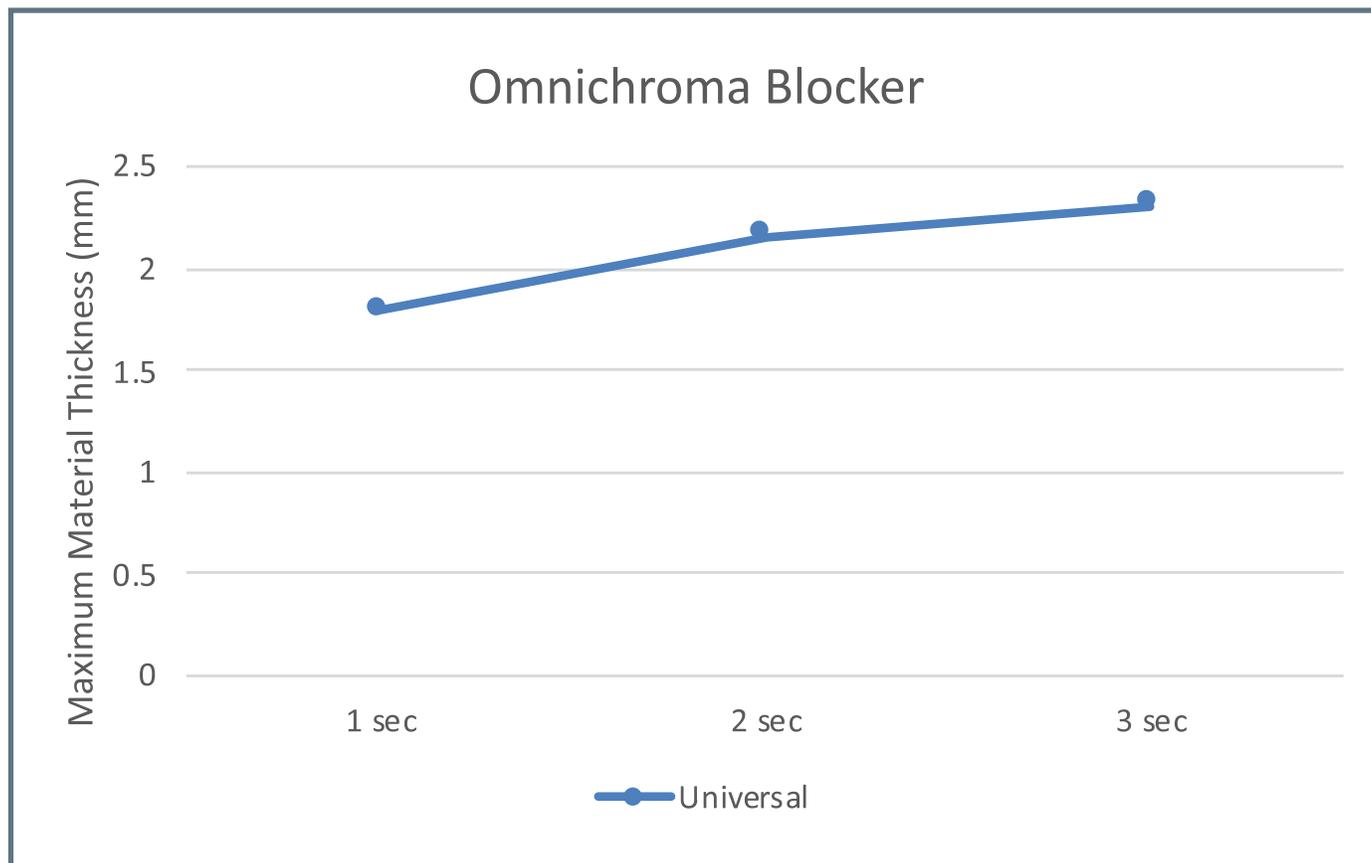
Omnichroma™ Flow	1 sec	2 sec	3 sec
Universal	3.59	4.48	4.77

Omnichroma Flow is a registered trademark of Tokuyama Dental Corporation.*



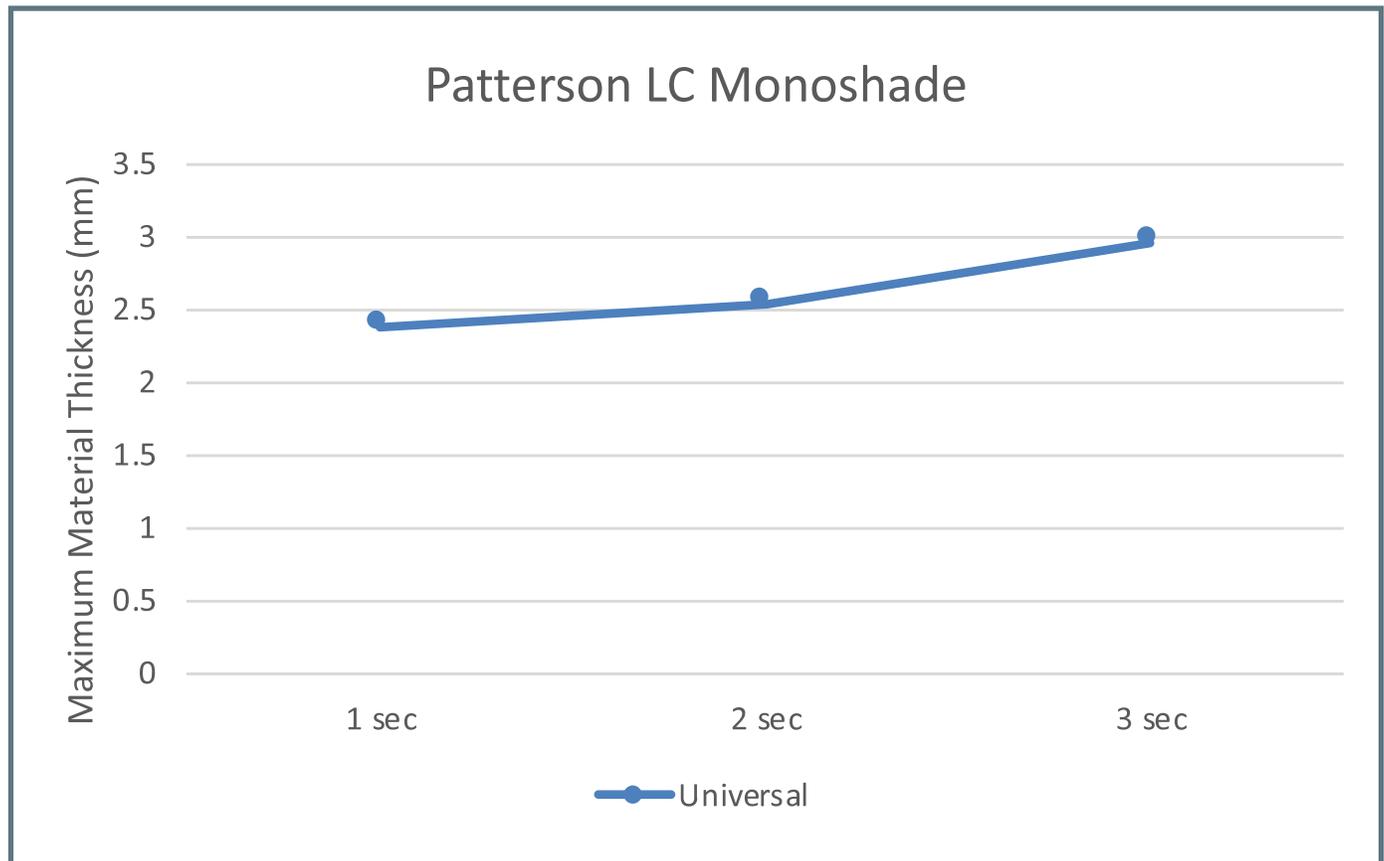
Omnichroma™ Blocker	1 sec	2 sec	3 sec
Universal	1.79	2.16	2.31

Omnichroma Blocker is a registered trademark of Tokuyama Dental Corporation.*



Patterson™ LC Monoshade	1 sec	2 sec	3 sec
Universal	2.39	2.55	2.97

Patterson LC Monoshade is a registered trademark of Patterson Dental.*



If you find that you are using a composite material that is not indicated by the graphs on this page, please call support at 866.999.2635 or email us at support@amdlasers.com. Graphs and composite brands will be updated in near future on our website.

Curing depth of each composite material was measured using the ISO 4049:2019 standard.

*This composite is not affiliated with AMD Lasers and is being used for comparison only.

