

Testing : **Test For Flammability Of Plastic Materials For Parts In Devices And Appliances**  
 Test Method : UL94 (June 2020) **20mm Vertical Burning Test**  
 Project Number : P20211364  
 Customer : WEICON GmbH & Co. KG  
 Attention : Matthias Lukemann  
 Analyst : D. Loehr  
 Date : January 5, 2022



Material : **Cured Flex 310M FireSeal**  
 Thickness (Average) : 12.5mm  
 Sample Preparation : Tested as received.  
 Conditioning : **48+ hours at 23°C ± 2°C / 50% RH ± 10% RH**  
 Significance : UL 94 specifies the use of a timing device accurate to 0.1 second

Sample Number	1	2	3	4	5
Duration Of Flaming After First Application (T1) (sec)	0	0	0	0	0
Duration Of Flaming After Second Application (T2) (sec)	0	0	0	0	0
Total Afterflame (T1+T2) (sec)			0		
Afterglow after second flame application (T3) (sec)	0	0	0	0	0
Duration of flaming/glowing after second application (T2+T3) (sec)	0	0	0	0	0
Did the sample flame or glow to the holding clamp?	No	No	No	No	No
Did sample ignite surgical cotton?	No	No	No	No	No

The samples **PASS** requirements for **UL-94V0** at the conditions outlined above

THE METHODS DESCRIBED IN THIS STANDARD INVOLVE STANDARD SIZE SPECIMENS AND ARE INTENDED TO BE USED SOLELY TO MEASURE AND DESCRIBE THE FLAMMABILITY PROPERTIES OF MATERIALS, USED IN DEVICES AND APPLIANCES, IN RESPONSE TO HEAT AND FLAME UNDER CONTROLLED LABORATORY CONDITIONS. THE ACTUAL RESPONSE TO HEAT AND FLAME OF MATERIALS DEPENDS UPON THE SIZE AND FORM, AND ALSO ON THE END-USE OF THE PRODUCT USING THE MATERIAL. ASSESSMENT OF OTHER IMPORTANT CHARACTERISTICS IN THE END-USE APPLICATION INCLUDE, BUT ARE NOT LIMITED TO, FACTORS SUCH AS EASE OF IGNITION, BURNING RATE, FLAME SPREAD, FUEL CONTRIBUTION, INTENSITY OF BURNING, AND PRODUCTS OF COMBUSTION.