



POLYONICS

**METALGARD™**

Technical Product Bulletin

XF-801, XF-803

XF-807, XT-660

Temperature Performance Data

Table I indicates the time to cure (harden) the top coat and print combination of Metalgard™ product numbers XF-801, XF-803 & XF-807 label & XT-660 tag materials. Table II & III outlines the amount of time at a given temperature that the adhesive or backing (660) will survive. Customers should always test in actual environment.

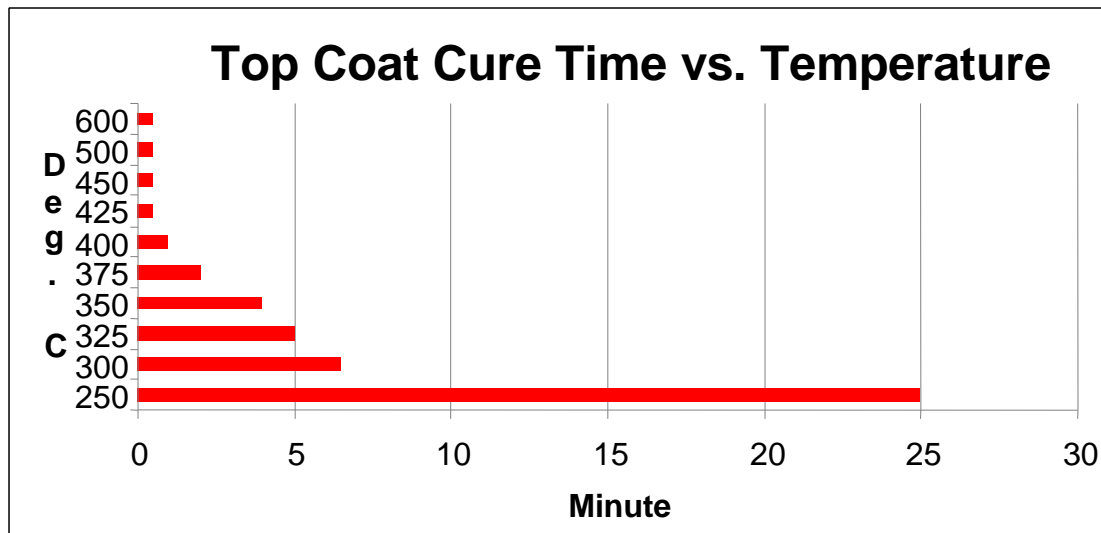


Table I

XF-801, XF-807 & XT-660 (Time/Temp.) Adhesive or Backing							
	15 Min	30 Min	1 Hour	2 Hours	4 Hours	8 Hours	>16 Hrs
450 Deg. C	Green	Red	Red	Red	Red	Red	Red
400 Deg. C	Green	Green	Green	Green	Green	Red	Red
350 Deg. C	Green	Green	Green	Green	Green	Green	Green
300 Deg. C	Green	Green	Green	Green	Green	Green	Green

Table II

XF-803 (Time / Temperature) Adhesive							
	15 Min	30 Min	1 Hour	2 Hours	4 Hours	8 Hours	>16 Hrs
600 Deg. C	Green	Green	Green	Red	Red	Red	Red
550 Deg. C	Green	Green	Green	Red	Red	Red	Red
500 Deg. C	Green	Green	Green	Green	Green	Red	Red
450 Deg. C	Green	Green	Green	Green	Green	Green	Red
400 Deg. C	Green	Green	Green	Green	Green	Green	Green
350 Deg. C	Green	Green	Green	Green	Green	Green	Green
300 Deg. C	Green	Green	Green	Green	Green	Green	Green

Table III

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Laboratory Test Data for Reference Only