

## Adelphi A-643

### Stack Lamination Adhesives

Adelphi A643 is a one part, heat cure adhesive designed for high temperature applications including motor laminates, transformer cores. Adelphi A643 is formulated with exceptionally low hydrolysable chloride for exceptional chemical resistance to aggressive solvents and concentrated acids.

Viscosity	Color	Base	Wgt./Gal	Solids	Shelf Life
3000 cps	Amber Translucent	Epoxy	9.1 lbs	100%	3 months

### Physical Properties:

Once cured Adelphi A643 exhibits lap shear strength of 4500 PSI as per ASTM D1002.

### Curing information.

After Adelphi A643 has been applied, parts are to be cured in accordance with the following schedule.

Temperature	Minimum Gel Time	Minimum Cure Time	Maximum Cure Time
266F or 130 C	40 Min.	14 hours	None
284F or 140C	32 Min	7 Hours	None
302F or 150C	20 min	4 hours	None
320F or 160C	15 min	2 hours	None
338F or 170C	10 min	1.5 hours	None
356F or 180C	8 min	1 hour	None
374F or 190C	6 min	45 min	None
392F or 200C	4 min	30 min	24 hours
428F or 220C	2 min	10 min	60 min.

Technical Questions? Call us. We are happy to help! +631-537-8390

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