



BEACON ADHESIVES CO.

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MagnaTac F-310

High temp. & chemical resistant thermoset epoxy

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

MagnaTac F-310 is a one part, heat cure adhesive designed for high temperature applications including motor laminates, transform cores. **MagnaTac F-310** is formulated with exceptionally low hydrolysable chloride for exceptional chemical resistance to aggressive solvents and concentrated acids.

Curing information.

After **MagnaTac F-310** 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.



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Physical Properties:

Once cured **MagnaTac F-310** exhibits lap shear strength of 4500 PSI as per ASTM D1002.

Contacting Beacon Adhesives Co. Inc.

Technical assistance. Additional technical assistance is available by telephone and email.

Technical assistance telephone 914-699-3400

Technical email assistance: david@beaconadhesives.com

General information

Telephone 914-699-3400

Email: Louise@beaconadhesives.com

REACH and RoSH compliance:

We certify that all adhesive manufactured by Beacon Adhesives Co. Inc. are in compliance with both REACH and RoSH.