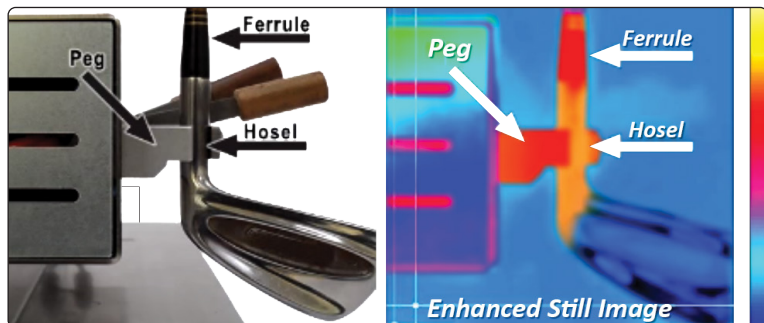


Epoxy Curing System

The GolfMechanix epoxy cure system is a time and temperature controlled golf club curing rack. It is designed to speed up the hardening of high strength two part epoxy adhesives to full strength within minutes instead of hours - especially on cold days or when ambient room temperature is below 20°C / 68°F.

Heat is transferred progressively and evenly from the pegs to the clubhead hosel via conduction. Radiated heat from the peg is not damaging to adjacent surfaces and does not blister paint, weaken shafts or embrittle shaft adapters.

The upright curing position reduces the incidence of gap formation between the hosel and ferrule, and minimizes the possibility of off-center shaft bonding, thereby reducing the amount of rework involved.



▲ Infrared thermal imaging shows heat conduction and temperature distribution from the peg to the hosel. Ferrules are made of cellulosic plastic which has a melting temperature of 260~270°C (500~518°F) making them highly heat resistant. Photo taken with Ann Arbor thermal imaging camera

Key Features:

- Controlled heating for up to 1 hour at 50~200°C / 122~392°F.
- Reduces cure time to full strength from 7 days to 30 minutes*
- Reduces time to handling strength from hours to minutes*
- Obsoletes difficult to handle shafting epoxy with short pot life.
- Heat insulated, lever actuated pegs for quick loading.
- Upright clamping pegs keep shaft centered over the hosel.

- Good for pre-heating adapters prior to shaft extraction.
- Holds up to 7 clubs with ample spacing between clubs.
- Powerful, low maintenance 500W sealed cartridge heater.
- Ideal for tour vans and trailers with onboard generators.
- Compact wall mount installation reduces footprint!

Cure Time minutes	Cure Temperature		
	73°F (23°C)	120°F (49°C)	140°F (60°C)
	Shear Strength PSI		
15'	43	970	4380
30'	110	3090	5900
60'	240	x	x
2hr	630	x	x
3hr	1630	x	x
5hr	2220	x	x
6hr	4410	x	x
24hr	4790	x	x

▲ Typical Shear strength values for heat cured for DP 420 two part epoxy adhesive.



▲ The epoxy curing rack is ideal for batch bonding adapters, as well as preheating adapters prior to shaft extraction

▲ Curing rack can be mounted onto a work bench, secured to a shelf or hung on a dry wall with the fasteners provided.

Please Note:

Heat accelerated curing of epoxy adhesives may not be suitable for all formulations. Please consult manufacturer's data sheets for specific instructions.

