



HARE SQ 50 – Double Coat Process for Thick Films

Double Coat Process of HARE SQ 50 for 200 micron film thickness

Coat: 800 rpm, 30 sec, 5 sec spread

Soft Bake: Coat 1: Hotplate 1: 65°C / 5 minutes (put directly on hotplate 2, do not let cool)

Hotplate 2: 95°C / 15 minutes

Coat 2: Hotplate 1: 65°C / 10 minutes (put directly on hotplate 2, do not let cool)

Hotplate 2: 95°C / 30 minutes

Exposure Dose (broadband): 225 mJ/cm² (Use optical cut-off filter at 360 nm for best results)

Post Exposure bake: Hotplate 1: 65°C / 2 minutes (put directly on hotplate 2, do not let cool)

Hotplate 2: 95°C / 15 minutes

Film Relax Time: 60 minutes minimum

Develop: SQ Developer. For best results, use 2 immersion baths

Bath 1: 40 minutes immersion

Bath 2: 10 minute immersion

Rinse: IPA (Isopropyl alcohol). If there is any scum (white precipitate), then immerse in developer again for another 5 -10 minutes

