

DRY FILM PHOTORESIST: GENERAL DETAILS

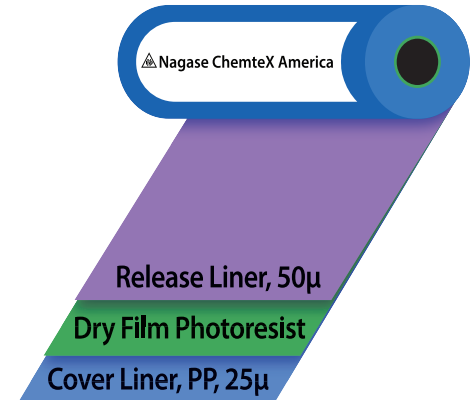
OVERVIEW

This Technical Note will familiarize the user with established handling and structural format of Nagase ChemteX dry film as well as standard processing of dry film. The focus will include dry film roll structure, available formats, and handling of Nagase Chemtex dry film.

GENERAL DETAILS

Dry Film Structure

THREE-LAYER STRUCTURE	<ul style="list-style-type: none">• First Layer - 50μ PET film with release layer for easy film removal• Second Layer - Dry Film Photoresist• Third Layer - 25μ polypropylene protective cover sheet
DIMENSIONS	<ul style="list-style-type: none">• Standard dry film format - 254mm wide liners/240mm resist/265mmCore• Wide dry film format – 330mm wide liners/315mm resist/351mm core• Dry Film Core ID-150mm (3") core• Overall Dry Film roll diameter of a 100 meter roll - 150mm to 220mm• Typical Dry Film roll weight - 4-6kg
LENGTH	<ul style="list-style-type: none">• Standard roll length is 100 meters• Samples available at 1 meter



Shipping and Storage

SHIPPING	<ul style="list-style-type: none">• Rolls are shipped with end caps to prevent film from shifting• Each roll is wrapped in black polypropylene to protect from UV exposure• Rolls are shipped with cold packs and shipping temperature indicators
FILM STORAGE	<ul style="list-style-type: none">• Film should be stored in a dark, dry, cool location• Material is best stored from 5-25°C

*Custom roll widths and lengths available upon request.

** Additional process details available in other Nagase Chemtex Technical Notes.

