



Mesh Stretching Systems Mesh Adhesives

SCREEN MESH ADHESIVES

Instant-set Cyano-acrylate adhesives harden by using spray accelerators after glue application. Basically a liquid acrylic plastic, it's bond's mesh to frame immediately when sprayed.

PRODUCT	VISCOSITY	SIZE	MESH COUNT	DRY TIME
CA120	THIN	16-oz BOTTLE	255—420	INSTANT
CA500	MEDIUM	16-oz BOTTLE	86—305	INSTANT
CA700	THICK	16-oz BOTTLE	28—140	INSTANT
AEROSOL SPRAY	n/a	11-oz CAN	n/a	n/a
PUMP SPRAY	n/a	32-oz BOTTLE	n/a	n/a
DEBONDER	n/a	2-oz BOTTLE	n/a	n/a

2-part “catalyzing” adhesive that is a solvent-based, curable system, much like a thin epoxy. Proportional parts of glue and hardener are mixed, curing to a flexible bond within the hour.

PRODUCT	VISCOSITY	SIZE	MESH COUNT	DRY TIME
LIQUID SEAL w/CATALYST	MEDIUM	QUARTS AND GALLONS	86—305	1/2 HOUR

FRAME TAPES

AST stocks fabric protection tapes, frame masking tapes, and HD clear polyester tape in standard format widths.

PNEUMATIC-BAR MESH STRETCHER

Adjusts for frame size and corner-softening. Uses compressed air to quickly stretch all sides at once, and separately adjusts for X/Y. Tabletop and floor stand versions.

MANUAL TENSION QUICK STRETCHER

Telescopes for different frame sizes. “Ratchet-bars” are easy to use and works well when a few screens a week are stretched. Floating lock rod allows corner softening.



Tech Tip:

Some print applications are the most cost effective using stretch & glue technique with static frames.

Control of mesh tension is important, and the highest reasonable minimal limit should be maintained.



With a **Tension Meter** you have a way to gauge and set standards, regardless of frame system used.

Just as in a drum, tension is circular. We use rectangular frames, so we must soften mesh at frame corners to get “drum tight”.



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