

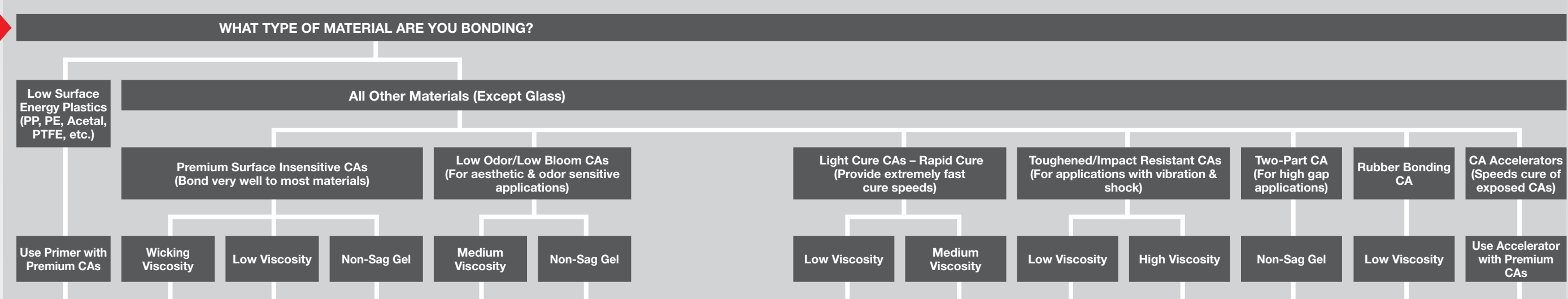
Instant Solutions

Product Selector Guide



- One-component, no-mix products that cure rapidly at room temperature without heat or light, make cyanoacrylates exceptionally easy to use.
- Excellent bond strength to the widest range of plastics, rubbers and metals.
- Widest selection of products, including specialty grades suitable for applications where impact resistance, flexibility, gap filling, low odor or extremely fast curing is required.

Your Application



Solution

	770™	406™	401™	454™	403™	455™	4310™	4311™	435™	411™	3092™	404® Quick Set™	7452™
Color	Clear	Clear	Clear	Clear	Clear	Clear	Clear/Pale Green	Clear/Pale Green	Clear	Clear	Clear	Clear	Clear/Amber
Gap Fill (in.)	N/A	0.004	0.005	0.010	0.008	0.010	0.004	0.008	0.006	0.008	0.200	0.005	N/A
Viscosity (cP)	1.25	20	90	Gel	1,200	Gel	175	1,050	175	5,000	Gel	80	0.4
Shear Strength* (psi)	N/A	3,200	3,200	3,200	2,600	2,600	3,190**	3,760**	2,700	3,200	3,200	3,500	N/A
Temperature Range	N/A	-65°F (-54°C) to 250°F (121°C)	-65°F (-54°C) to 250°F (121°C)	-65°F (-54°C) to 250°F (121°C)	-65°F (-54°C) to 200°F (93°C)	-65°F (-54°C) to 200°F (93°C)	-65°F (-54°C) to 240°F (116°C)	-65°F (-54°C) to 240°F (116°C)	-65°F (-54°C) to 225°F (107°C)	-65°F (-54°C) to 210°F (99°C)	-4°F (-20°C) to 176°F (80°C)	-65°F (-54°C) to 180°F (82°C)	N/A
Fix Time (sec.)	N/A	15	15	15	50	40	<5 [‡]	<5 [‡]	30	30	15 sec. [§] 3.5 min. [§]	30	N/A

Product Description

Loctite® 770™ Primer
A heptane based adhesion promoter formulated for use with polyolefins and other low surface energy plastics. Use with Loctite® Premium Surface Insensitive CAs. Fast dry time and good on part life.

Loctite® 406™ Instant Adhesive
Wicking viscosity CA for tight bond lines. Surface insensitive grade providing excellent bond strengths to many materials including plastics, elastomers metals and platings. Excellent for dry or acidic conditions.

Loctite® 401™ Instant Adhesive
Low viscosity surface insensitive CA provides excellent bond strengths to most materials including plastics, elastomers metals and platings. Excellent for dry or acidic conditions.

Loctite® 454™ Instant Adhesive
Surface insensitive CA providing excellent bond strengths to many materials including plastics, elastomers, metals and platings. Excellent for dry or acidic conditions. Non-sag gel prevents drips.

Loctite® 403™ Instant Adhesive
Low odor, low blooming CA well suited for cosmetic applications or where vapor ventilation is difficult. Surface insensitive providing excellent bond strengths to most materials.

Loctite® 455™ Instant Adhesive
Low odor, low blooming CA well suited for cosmetic applications or where vapor ventilation is difficult. Surface insensitive providing excellent bond strengths to most materials. Non-sag gel prevents drips.

Loctite® 4310™ Flashcure® Light Cure Adhesives
Light cure CA cures where light reaches and also in shadowed areas via surface moisture. Toughened, fluorescent adhesive that cures tack free in 2-5 seconds. Lower viscosity for tighter bond lines.

Loctite® 4311™ Flashcure® Light Cure Adhesives
Light cure CA cures where light reaches and also in shadowed areas via surface moisture. Toughened, fluorescent adhesive that cures tack free in 2-5 seconds. Higher viscosity to minimize dripping.

Loctite® 435™ Instant Adhesive
Low viscosity toughened CA with increased flexibility, peel strength and resistance to shock. Surface insensitive providing excellent bond strengths to most materials.

Loctite® 411™ Instant Adhesive
High viscosity toughened CA with increased flexibility, peel strength and resistance to shock. Surface insensitive providing excellent bond strengths to most materials.

Loctite® 3092™ Instant Adhesive
Fast two-part CA bonds gaps up to 0.200" (5 mm). Particularly suited for bonding plastics, rubbers, wood, paper and metals. High precision dispensing tips.

Loctite® 404® Quick Set™ Instant Adhesive
Excellent for bonding rubbers where very fast fixturing is required. For general maintenance and repair.

Loctite® 7452™ Tak Pak® Accelerator
Used where increased cure speed of Loctite® CAs is required. Can either be pre or post applied.

* At 0.002" gap.
 § At 0.200" gap.
 † Grit-blasted steel.
 ** Polycarbonate.
 ‡ Full cure = 24 hours without UV exposure.