



Selector Guide

Room Temperature Curing
Adhesives & Sealants

A-K Series

The L&L Bond A-K series of structural adhesives are a range of high performance, room-temperature curing paste materials formulated to provide durable, high-strength structural bonds on a wide variety of substrates.

Two-component, fast curing structural adhesives are in widespread use in a number of industries such as the automotive, commercial vehicle, rail transport, wind energy, where they provide structural bonds in assemblies that require joining of many different materials.

The L&L Bond A-K series offers grades for a variety of demanding requirements to offer the optimum adhesive for each application.



Product	PRODUCT DESCRIPTION	COLOURS	CHEMISTRY	MIX RATIO	OPEN TIME	FIXTURE TIME	MAXIMUM GAP	LAP-SHEAR STRENGTH	TENSILE STRENGTH	MODULUS	ELONGATION AT BREAK	COLD ROLLED STEEL	STAINLESS STEEL	ELECTRO GALVANIZED	HOT DIP GALVANIZED STEEL	ALUMINUM	ABS	PMMA	PVC	GRP	CFRP	GELCOATS	GLASS	POLYPROPYLENE	POLYETHYLENE	TPO
A-K015	Clear fast-curing MMA.	Clear	MMA	1.1	1-2 min.	3-4 min.	4mm	15.0 Mpa	14.5 Mpa	800 Mpa	1-5%	X	X	X	X	X	X	X	X	X	X	X				
A-K083*	Fast-curing, non-sag adhesive designed for hard-to-bond plastics & composites. Bonds well to metals.	Tan/Amber	MMA	1.1	5-7 min.	9-12 min.	4mm	20.0 Mpa	24.3 Mpa	1670 Mpa	5-10%	X	X	X		X	X	X	X	X	X	X				
A-K085	Adhesive designed for hard-to-bond plastics & composites. Bonds well to metals.	Tan/Amber	MMA	1.1	9-12 min.	12-15 min.	4mm	17.7 Mpa	22.6 Mpa	1450 Mpa	10-20%	X	X	X		X	X	X	X	X	X	X				
A-K348	Fast-curing non-sag impact resistant MMA with high elongation and excellent adhesion to metals, composites & plastics.	Grey	MMA	10.1	3-6 min.	8-10 min.	13mm	18.0 Mpa	15.5 Mpa	550 Mpa	70%	X	X	X	X	X	X	X	X	X	X	X				
A-K350*	Impact resistant, non-sag MMA with high elongation and excellent adhesion to metals, composites & plastics.	Grey	MMA	10.1	16-22 min.	25-35 min.	22mm	15.1 Mpa	17.5 Mpa	725 Mpa	70%	X	X	X	X	X	X	X	X	X	X	X				
A-K540	Excellent bonding for low-surface energy substrates.	Amber	Acrylate Mix	1.1	5-10 min.	45-60 min.	N.A	7.2 Mpa	7.0 Mpa	800 Mpa	1-3%						X	X	X	X	X	X		X	X	X

A-J Series

The L&L Seal A-J Series elastomeric adhesive/sealants are a range of high performance, room-temperature curing paste materials formulated to provide durable elastic sealing bonds on a wide variety of substrates.

Elastomeric adhesive/sealants are used in the automotive, commercial vehicle and rail industry, where they provide high-strength adhesive bonds in assemblies that require thick joint lines that absorb a lot of movement or are subject to high mechanical forces. They also provide reliable sealing of joint lines against the ingress of liquids, forming an integral part of the anti-corrosion strategy of such assemblies. Elastic joints can also act as acoustic decouplers.

The L&L Seal A-J Series offers robust primerless adhesion on various substrates ranging from – but not limited to – common composites, metals and fibreglass.



* Certified EN45545-2
A-K083
A-K350
A-J215

Product	PRODUCT DESCRIPTION	COLOURS	CHEMISTRY	TACK-FREE TIME	CURE RATE	SHORE A HARDNESS	OVER PAINTABLE	UV - RESISTANT	TENSILE STRENGTH	ELONGATION AT BREAK	COLD ROLLED STEEL	STAINLESS STEEL	ELECTRO GALVANIZED STEEL	HOT DIP GALVANIZED STEEL	ALUMINUM	ABS	GLASS	GRP
A-J205	High-elongation sealant. Isocyanate & solvent-free.	Black, White, Grey	SMP	70-120 min.	2mm /24h	20 approx.	YES	YES	1.0 Mpa	550%	X	X	X	X	X	X	X	X
A-J210	Fast-skinning sealant. Isocyanate & solvent-free.	Black, White, Grey		40 min.	3-5mm /24h	30 approx.	YES	YES	2.0 Mpa	350%	X	X	X	X	X	X	X	X
A-J215*	Multi-purpose adhesive/sealant. Isocyanate & solvent-free.	Black, White, Grey		30 min.	3-5mm /24h	50 approx.	YES	YES	2.0 Mpa	250%	X	X	X	X	X		X	X
A-J225	Higher-strength adhesive/sealant. Isocyanate & solvent-free.	Black, White, Grey		25 min.	3-5mm /24h	55 approx.	YES	YES	3.0 Mpa	150%	X	X	X	X	X	X	X	X
A-J235	Structural elastic adhesive. Isocyanate & solvent-free.	Black		15 min.	3-4mm /24h	60 approx.	YES	YES	3.8 Mpa	350%	X	X	X	X	X		X	X

L&L Products is a technology driven business to business company that has operated for more than half a century on the basis of building long term relationships with its customers and supply partners.

It has unique expertise in static sealing, acoustics, vibration reduction and composite components for aerospace, automotive, commercial vehicle and industrial applications.

L&L's current portfolio of products for passenger aircraft interiors is aimed at reducing vibration, improving acoustic performance, providing local structural reinforcement and offering assembly adhesive systems.

In addition to its standard product range, L&L Products is ideally positioned to provide customer specific solutions. To this end the company has a continuous program of heavy investment in R&D facilities that span material science, computer aided design, finite element analysis, prototyping, testing and manufacturing technology.

With 15 strategically-located operating subsidiaries and production facilities in the USA, Brazil, Europe, Turkey, India, China and Australia, we are extremely well positioned to provide 'local' support to our global customer base.

