

SIGN AND DISPLAY ADHESIVE SELECTION GUIDE

Offering the latest in adhesive technologies required to bond the wide range of substrates typically found within the Sign and Display market.



Science + Innovation
= **SMARTER ADHESIVE SOLUTIONS**

IPS
CORPORATION





SCIGRIP Smarter Adhesive Solutions™, is one of Europe's leading manufacturers and formulators of Engineering and Structural adhesives. Many of our patented formulations are used within the automotive, marine and OEM sectors around the world.

The Sign and Display offer focuses on the adhesive technologies required to bond the wide range of substrates typically found within the Sign and Display, shopfitting and plastic assembly markets. Our 20 years' experience in this market is based on the supply of quality products with first class logistical and technical support.

CHANGING THE WAY YOU PUT THINGS TOGETHER



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ADHESIVES FOR PLASTICS

Product	Description	Product	Description
3	Non-flammable, water thin, very fast-setting solvent cement for acrylic. Will also bond styrene, butyrate and polycarbonate to themselves.	CA01	High Viscosity ethyl based 'superglue' for bonding where gap fill is important, or on absorbent surfaces such as wood, paper and some fabrics. Bonds most plastics, rubbers and metals.
4-SC	Non-flammable, water thin, fast-setting solvent cement for acrylic. Will also bond styrene, butyrate and polycarbonate to themselves.	CA44	A thixotropic 'superglue' gel. It is a non-drip formulation and will not run on vertical surfaces. It is fast to set on difficult surfaces such as leather and acetic substrates.
10	Two-component Kit, high strength, high viscosity structural adhesive for bonding large parts of, PVC, acrylic, ABS, and polycarbonate. Also bonds well to steel, non-anodized aluminum, other metals.	UV106	Thixotropic UV adhesive for bonding clear plastics to themselves, glass and metal. High Intensity Visible light cure is also possible.
16	Medium bodied, fast-setting, high strength acrylic (PMMA) cement. Will also bond styrene, butyrate, polycarbonate, other plastics and porous surfaces.	3004-03	Low odour 1:1, toughened clear acrylic adhesive. Bonds clear plastics, and other dissimilar materials. Low exotherm and shrinkage allow bonding of Alucabond without witness marks on face of panel.
40	Two-component Kit, reactive, high strength adhesive for bonding and fabricating all acrylics (extruded, cast, and cross linked PMMA) to each other. It will also bond acrylic to polyester, butyrate, PVC, ABS, PETG.	CA4061 Kit	Low viscosity 'superglue' for use with special primer for bonding difficult plastics and elastomers such as PP, PE, Silicone, Glass-filled Nylon.
42	Two-component 10:1, reactive, high strength acrylic based adhesive provides "museum quality" water clear joints with excellent weather ability. Mil Spec A-8576C Type III.	PPX5	Two-component 10:1 'Ultimate Plastic Bonder' for bonding Polyolefin's (P.P. & P.E.) to themselves, most other plastics and metals.
55	VOC-free 1:1, two-component, slow-setting, reactive, urethane-based adhesive for bonding polycarbonate, butyrate, ABS, and PETG to themselves and each other. Excellent UV light resistance.	4784	Medium syrup, fast set, flexible bond. For flexible or rigid vinyl to itself or other materials such as leather, canvas, fabrics, ABS, acrylics, butyrate and polyurethane. Weather resistant.
58	VOC-free 1:1, two-component, fast-setting, reactive, urethane-based adhesive for bonding polycarbonate, butyrate, ABS, and PETG to themselves and each other. Excellent UV light resistance.	4707	Low VOC, medium bodied, fast setting, cement for bonding ABS only.



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SCIGRIP Changing the way you put things together.

	ABS	Acrylic Sheet	PETG	Polycarb	PVC (Rigid)	PVC (Flexible)	PVC (Foam)	Alucobond™	PE/PP	Fibreglass (GRB)	Aluminium	Stainless Steel	Mild Steel	Brass Sheet	Powder Coated	Glass	Polyester	Wood	Polyurethane
ABS	55 58 4707	16 42	16 55 58	16 42 55 58	10 16 45	45	16 42 45	42 3004	PPX5	5000 10	300 10	300 10	300 10	300 10	300 10	3004	10 42	45	4784 55 58
Acrylic Sheet	16 42	3 4SC 16 42	UV106 16 42	42 45	16 42	45	16 42 45	42 3004	PPX5	10 45	10 45	10 45	10 45	10 45	10 45	UV106 3004	42 45	45	4784
PETG	16 55 58	UV106 16 42	3 4SC 42 55	42 55 58	10 16 42	45	16 42 45	42 3004	PPX5	10 45	10 45	10 45	10 45	10 45	10 45	UV106 3004	10 42 45	45	10
Polycarb	16 42 55 58	42 45	42 55 58	4SC 42	10 16 42	45	16 42 45	42 3004	PPX5	10 45	10 45	10 45	10 45	10 45	10 42 45	UV106 3004	10 42 45	45	10
PVC (Rigid)	10 16 42 45	16 42	10 16 42	10 16 42	10 42	45	16 42 45	42 3004	PPX5	5000 45	300 10 45	300 10 45	300 10 45	300 10 45	300 10 45	3004 2002	10 42	45	4784
PVC (Flexible)	16 55 58	UV106 16 42	3 42 55	42 55 58	10 16 42	45	16 42 45	3004	PPX5	10 45	10 45	10 45	10 45	10 45	10 45	UV106 3004	10 42 45	45	10
PVC (Foam)	45	45	45	45	45	45 4784	45	3004	PPX5	45	45	45	45	45	45	2002 3004	45	45	4784 45
Alucobond™	42 3004	42 3004	42 3004	42 3004	10 42 3004	10 3004	10 3004	10 42 3004	42 45 PPX5	42 45 300	42 45 300	42 45 300	42 45 300	42 45 300	3004 3346	3004 2002 3346	3004	45 2002	3004
PE/PP	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5	PPX5
Fibreglass (GRP)	10 5000	10 45	10 45	10 45	5000 45	10 45	10 45	3004	PPX5	300 5000	300 5000	300 5000	300 5000	300 5000	300 5000	UV106 3004	3346 2002	45	10
Aluminium	300 10	10 45	10 45	10 45	300 10 45	10 45	10 45 3295	3004	PPX5	300 5000	300 3295 3346	300 3295 3346	300 3295 3346	300 3295 3346	300 3295 3346	3346 2002	10 45	10 45	10
Stainless Steel	300 10	10 45	10 45	10 45	300 10 45	10 45	10 45 3295	3004	PPX5	300 5000	300 3295 3346	300 3295 3346	300 3295 3346	300 3295 3346	300 3295 3346	3346 2002	10 45	10 45	10
Mild Steel	300 10	10 45	10 45	10 45	300 10 45	10 45	10 45 3295	3004	PPX5	300 5000	300 3295 3346	300 3295 3346	300 3295 3346	300 3295 3346	300 3295 3346	3346 2002	10 45	10 45	10
Brass Sheet	300 10	10 45	10 45	42 55 58	300 3295	10 45	16 42 45	3004	PPX5	300 5000	300 3295 3346	300 3295 3346	300 3295 3346	300 3295 3346	300 3295 3346	3346 2002	10 45	10 45	10
Powder Coated	300 10	10 45	10 45	10 45	300 10 45	10 45	10 45 3295	3004 3346	PPX5	300 5000	300 3295 3346	300 3295 3346	300 3295 3346	300 3295 3346	300 3295 3346	3346 2002	10 45	10 45	10
Glass	3004	UV106 3004	UV106 3004	UV106 3004	3004 2002	3004 2002	3004 2002	3004 2002 3346	PPX5	3346 2002	3346 2002	3346 2002	3346 2002	3346 2002	3346 2002	3346 2002	3346 2002	2002	2002
Polyester	10 42	10 42	UV106 3004	UV106 3004	3004 2002	3004 2002	3004 2002	3004 2002	PPX5	10 45	10 45	10 45	10 45	10 45	10 45	3346 2002	3346 2002	2002	10 2002
Wood	45	45	45	45	45	45	45 10	45 3004	PPX5	45	10 45	10 45	10 45	10 45	10 45	2002	10 45	45	45
Polyurethane	4784 55 58	4784	10	10	4784	4784 45	4784	3004	PPX5	10	10	10	10	10	10	2002	10	45	4784 55 58

Due to many potential variations in substrate and surface chemistries, SCIGRIP Adhesives and its distributors recommend that all substrates be tested under the intended applications to determine suitability.

ADHESIVES FOR METALS

Product	Description	Product	Description
10	Two-component Kit, high strength, high viscosity structural adhesive for bonding PVC, acrylic, ABS, and polycarbonate. Also bonds well to steel, non-anodized aluminum, other metals.	3346 Kit	No Mix System, Rubber Toughened Acrylic adhesive for use with brush on 7701 Initiator. Allows infinitely adjustable open time, but very rapid fixture on assembly.
45	Two-component 4:1, high strength, high viscosity, reactive structural adhesive for bonding unprepared and corrosion resistant metals, composites, wood, and plastics.	3004-03	Low odour 1:1, toughened clear acrylic adhesive. Bonds clear plastics, and other dissimilar materials. Low exotherm and shrinkage allow bonding of Alucabond without witness marks on face of panel.
300 Series	Two-component 10:1 MMA for bonding metals & composites. Most metals do not require a primer or surface preparation. Reduced odour and low read-through.	5000 Series	High strength, two-component 1:1 MMA for bonding metals, plastics and composites. Good gap-filling and low sag properties for a wide range of applications. Excellent tensile and impact strength.
2002	A high specification clear MS Polymer adhesive. It is a single component system, with fast cure time and very high ultimate strength. Bonds and seals most materials. Paintable after cure.	6005	A clear, two-component 1:1, non-yellowing, fast curing epoxy adhesive. This diverse adhesive can join a huge array of different materials, providing a high strength, water resistant bond.
3295-03	High Strength 1:1, low viscosity Toughened Acrylic based adhesive. May be applied bead-on-bead or via mixer nozzle. Ideal for close fitting or 'discrete' bonds in stainless steel, aluminium and other metals.		

ADHESIVES FOR GLASS

Product	Description	Product	Description
3346 Kit	No Mix System, Rubber Toughened Acrylic adhesive for use with brush on 7701 Initiator. Allows infinitely adjustable open time, but very rapid fixture on assembly.	UV106	Thixotropic UV adhesive for bonding clear plastics to themselves, glass and metal. High Intensity Visible light cure is also possible.
3004-03	Low odour 1:1, toughened clear acrylic adhesive. Bonds clear plastics, and other dissimilar materials. Low exotherm and shrinkage allow bonding of Alucabond without witness marks on face of panel.	2002	A high specification clear MS Polymer adhesive. It is a single component system, with fast cure time and very high ultimate strength. Bonds and seals most materials. Paintable after cure.

ADHESIVES FOR COMPOSITES

Product	Description	Product	Description
5000 Series	High strength two-component 1:1 MMA for bonding metals, plastics and composites. Good gap-filling and low sag properties for a wide range of applications. Excellent tensile and impact strength.	10	Two-component Kit, high strength, high viscosity structural adhesive for bonding PVC, acrylic, ABS, and polycarbonate. Also bonds well to steel, non-anodized aluminum, other metals.
300 Series	Two-component 10:1 MMA for bonding metals & composites. Most metals do not require a primer or surface preparation. Reduced odour and low read-through.	6005	A clear, two-component 1:1, non-yellowing, fast curing epoxy adhesive. This diverse adhesive can join a huge array of different materials, providing a high strength, water resistant bond.
3004-03	Low odour 1:1, toughened clear acrylic adhesive. Bonds clear plastics, and other dissimilar materials. Low exotherm and shrinkage allow bonding of Alucabond without witness marks on face of panel.	2002	A high specification clear MS Polymer adhesive. It is a single component system, with fast cure time and very high ultimate strength. Bonds and seals most materials. Paintable after cure.

CLEANERS, PRIMERS AND INITIATORS

Product	Description	Product	Description
57	A multi-purpose plastics cleaner for acrylics, polycarbonate, butyrate, vinyl, ABS, Styrene.	A701	Used in combination with CA4061 or other 'superglue' to promote adhesion on low energy surfaces such as Polyethylene, Polypropylene, Silicone rubber and certain hard to bond materials.
A061	Powerful Solvent Cleaner/Degreaser.	7701	A non-flammable, solventless initiator to be used in conjunction with our 3346 No-mix acrylic adhesive. 7701 ensures a rapid fixture time once parts are assembled and is also available in a slower version - 7705.

Product	Technology	Colour	Packaging	Working Time	Fixture Time	Typical specific gravity	Typical viscosity (cps)	Viscosity Reference
3	Acrylic	Clear	1 Litre Tin [#]	1 min	2 min	1.30	N/A	water-thin
4SC	Solvent	Clear	1 Litre Tin [#]	1-2 min	3 min	1.12	N/A	water-thin
10	MMA	White	473ml Kit [#]	25 min	1-2 hrs	1.03	40,000	ketchup
16	Acrylic	Clear	473ml Tin [#]	2-3 min	5-6 min	1.03	1,000	motor oil
40	MMA	Clear	473ml Kit [#]	20 min	2 hrs	1.03	2,900	syrup
42	Acrylic	Clear	50ml Cart [#]	15 min	2 hrs	1.03	2,900	syrup
55	Urethane	Clear	50ml Cart [#]	5-6 min	1-2 hrs	1.14	4,000	syrup
58	Urethane	Clear	50ml Cart [#]	2-3 min	20 min	1.14	4,000	syrup
CA01	Cyanoacrylate	Clear	50g Bottle [#]	10 sec	60 sec	1.06	1,500	motor oil
CA44	Cyanoacrylate	Clear	20g Tube	10 sec	60 sec	1.06	50,000	gel
uv106	Acrylic - UV Cured	Clear	50ml Bottle [#]	N/A	< 30 sec	1.09	5,000	syrup
3004-03	Toughened Acrylic	Clear	50ml Cart [#]	< 3 min	< 5 min	0.99	25,000	gel
CA4061 KIT	Cyanoacrylate	Clear	20g Bottle [#]	N/A	2 secs	1.06	20	water-thin
PPX5	MMA	White	50ml Cart [#]	4-6 min	> 15 min	0.99	6,500	syrup
4784	Solvent	Clear	473ml Tin [#]	20 min	25-30 min	0.90	335	motor oil
4707	Solvent	Milky	473ml Tin [#]	10 min	10-15 min	0.88	4,000	syrup

Product	Technology	Colour	Packaging	Working Time	Fixture Time	Typical specific gravity	Typical viscosity (cps)	Viscosity Reference
10	MMA	White	473ml Kit [#]	25 min	1-2 hrs	1.03	40,000	ketchup
45	MMA	Tan	400ml Cart [#]	6 min	15 min	1.05	500,000	peanut butter
300 Series	MMA	Off White*	50ml & 490ml	Various	Various	1.02	250,000	peanut butter
2002	MS Polymer	Clear	290ml Cart	20 min	24 hrs	N/A	N/A	mastic
3295-03	Toughened Acrylic	Pink & Green	25ml, 50ml [#]	2 min	6 min	1.02	3,500	syrup
3346 Kit	Toughened Acrylic	Clear	300ml Tube [#]	< 30 sec	< 90 sec	N/A	30,000	N/A
5000 Series	MMA	Amber	25ml, 50ml & 400ml	Various	Various	0.97	120,000	peanut butter
6005	Epoxy	Clear	50ml Cart	3-4 min	10-12 min	1.2	50,000	syrup

Product	Technology	Colour	Packaging	Working Time	Fixture Time	Typical specific gravity	Typical viscosity (cps)	Viscosity Reference
3346 Kit	Toughened Acrylic	Pale Amber	300ml Tube [#]	< 30 sec	< 90 sec	1.04	30,000	ketchup
3004-03	Toughened Acrylic	Clear	50ml Cart [#]	< 3 min	< 5 min	0.99	25,000	gel
UV106	Acrylic - UV Cured	Clear	50ml Bottle [#]	N/A	< 30 sec	1.09	5,000	syrup
2002	MS Polymer	Clear	290ml	20 min	24 hrs	N/A	N/A	mastic

Product	Technology	Colour	Packaging	Working Time	Fixture Time	Typical specific gravity	Typical viscosity (cps)	Viscosity Reference
5000 Series	MMA	Amber	25ml, 50ml & 400	Various	Various	0.97	120,000	peanut butter
300 Series	MMA	Off White*	50ml & 490ml	Various	Various	1.02	250,000	peanut butter
3004-03	Toughened Acrylic	Clear	50ml Cart [#]	< 3 min	< 5 min	0.99	25,000	gel
10	MMA	White	473ml Kit [#]	25 min	1-2 hrs	1.03	40,000	ketchup
6005	Epoxy	Clear	50ml Cart	3-4 min	10-12 min	1.2	50,000	syrup
2002	MS Polymer	Clear	290ml Cart	20 min	24 hrs	N/A	N/A	mastic

Product	Technology	Colour	Packaging	Working Time	Fixture Time	Typical specific gravity	Typical viscosity (cps)	Viscosity Reference
A061	Cleaner/Degreaser	Clear	400ml Aerosol	N/A	N/A	N/A	N/A	water-thin
57	Plastic Cleaner	Clear	500ml Tin [#]	N/A	N/A	0.81	N/A	water-thin
A701	CA Primer	Clear	50ml Pump Spray	N/A	N/A	N/A	N/A	water-thin
7701	3346 Initiator	Clear	18ml & 35ml Bottle [#]	< 1 min	< 2 min	N/A	N/A	water-thin

Other pack sizes are available please enquire • Also available in black

FURTHER SMARTER ADHESIVE SOLUTIONS AVAILABLE FROM SCIGRIP:



HOLDTITE ENGINEERING

SCIGRIP's well established range of REACH compliant engineering, maintenance, adhesives and sealants has grown and developed with the OEM and MRO industrial sectors over the past 3 decades. This division is a highly accredited sector of the SCIGRIP European Group, with WRAS, AGA, ASTM, NSF, DVGW, MIL specifications available for many of the products.

THE RANGE INCLUDES;

- ANAEROBICS
 - THREADLOCKERS
 - RETAINERS
 - SEALANTS & GASKET MAKERS
- CA-INSTANT ADHESIVES
- RTV SILICONES - POWERCAN PACKAGING
- EPOXY STICKS AND REPAIR COMPOUND
- ACTIVATORS AND PRIMERS
- UV ADHESIVES

STRUCTURAL ADHESIVES

SCIGRIP offers cutting edge formulations of Methacrylate adhesives that are unrivalled for their combination of strength, toughness and ease of use.

This highly accredited range of products successfully services the Marine, Transportation, Building & Construction, Renewable Energy and Recreational Vehicle sectors.

THE RANGE COVERS;

- VARIED OPEN TIMES
- 0.5MM - 39MM GAP FILL
- PRIMERLESS METAL BONDING
- CLEAR MMA
- PE AND PP BONDING
- HIGH PEEL AND HIGH FATIGUE RESISTANCE
- HIGH TOUGHNESS AND ELONGATION
- MARINE APPROVALS

Your distributor:

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