



## PERFORMANCE • TRUST • VALUE • FLEXIBILITY • SCIENCE

That's the foundation that has made IPS® a world leader in dependable, advanced adhesives for more than a half century.

Whether it's transportation, marine, building and construction or product assembly, our mission at IPS is to provide the strongest, most trusted adhesive solutions with the flexibility to meet ever-changing assembly techniques.

With the vision and know-how to create scientifically advanced products that save time and energy, IPS delivers unsurpassed value and unmatched flexibility, changing the way people put things together.



Assembly Adhesives for Industrial & Commercial Applications.

### TENNESSEE **WELD-ON**

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Collierville, TN 38017

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**Fax:** (901) 853-5008

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### IPS ADHESIVES

#### **Sales & Marketing**

600 Ellis Road  
Durham, NC 27703 USA

**Tel:** (919) 598-2400

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## SIGN AND DISPLAY ASSEMBLY SELECTION GUIDE



## ACRYLIC SUBSTRATES

- 3**

Non-flammable, Methylene Chloride (DCM) and Trichloroethylene (TCE) FREE, water-thin, very fast set solvent cement for acrylics. Will also bond butyrate and polycarbonate to themselves. Not for joining dissimilar materials. FOR PROFESSIONAL USE ONLY Where not for sale in California (SCAQMD), please use Weld-On #45C.
- 4**

Non-flammable, Methylene Chloride (DCM) and Trichloroethylene (TCE) FREE, water-thin, moderately fast set solvent cement for acrylics. Will also bond butyrate and polycarbonate to themselves. Not for joining dissimilar materials. FOR PROFESSIONAL USE ONLY Where not for sale in California (SCAQMD), please use Weld-On #45C.
- 16**

Fast drying, high strength, medium bodied cement for acrylics. Will also bond butyrate, polycarbonate and other plastics. Methylene Chloride (DCM) and Trichloroethylene (TCE) FREE.
- 28<sup>°</sup> KIT**

Hand mixed three-component, reactive, high strength acrylic based adhesive with excellent weatherability.
- 40<sup>°</sup> KIT**

Hand mixed two-component 20:1, reactive, high strength acrylic based adhesive provides "museum quality" water clear joints with excellent weatherability.  
**Refrigeration Recommended.**
- 42<sup>°</sup> 50 ml Cartridge**

Two-component 10:1, reactive, high strength acrylic based adhesive provides "museum quality" water clear joints with excellent weatherability.  
**Refrigeration Recommended.**
- 42<sup>°</sup> 230 ml Cartridge**

Two-component 10:1, reactive, high strength acrylic based adhesive provides "museum quality" water clear joints with excellent weatherability.  
**Refrigeration Recommended.**
- 1802**

Thin bodied, moderately fast set. For bonding acrylics, styrene, PVC, ABS and butyrate to themselves or each other.

## VINYL, PVC, CPVC SUBSTRATES

- 1910**

Medium bodied, slow set, solvent cement. For foamed, rigid and flexible PVC to themselves. Not for joining dissimilar materials.
- 2007<sup>°</sup>**

Water-thin, very fast set solvent cement. For foamed, rigid and flexible PVC to themselves and each other. Not for joining dissimilar materials.
- 4052<sup>°</sup>**

Medium syrup, fast set solvent cement. Multi-purpose for PVC, CPVC, ABS, styrene, nylon, foamed PVC, etc.
- 4784**

Thin Syrup, fast set, flexible bond. For flexible or rigid vinyl to itself or other materials such as fabrics, acrylics, butyrate and polyurethane. Weather resistant.

## POLYCARBONATE SUBSTRATES

- 55<sup>°</sup> 50 ml cartridge**

Two-component 1:1, reactive urethane based adhesive for bonding polycarbonate, butyrate, ABS and PETG. Excellent UV light resistance. Does not alter the impact resistance of polycarbonate.
- 58<sup>°</sup> 50 ml cartridge**

Two-component 1:1, reactive urethane based adhesive for bonding polycarbonate, butyrate, ABS and PETG. Excellent UV light resistance. Does not alter the impact resistance of polycarbonate.

## ABS SUBSTRATES

- 2354**

Water-thin, fast set solvent cement. For bonding ABS and styrene to themselves. Not for joining dissimilar materials.
- 4707<sup>°</sup>**

Heavy syrup, fast set, dries milky translucent. For cementing ABS ONLY! (Low VOC version of 1707).

WELD-ON SIGN & DISPLAY IS A BRAND OF IPS ADHESIVES

600 Ellis Road Durham, NC 27703

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**WELD-ON**  
SIGN & DISPLAY  
CASE STUDY

**46C'S TRANSLUCENT CURE A CLEAR HIT FOR AGI IN TEXAS**

**READ MORE @ ASSEMBLYADHESIVES.COM**



STRUCTURAL ADHESIVES

**30**  
50 & 490 ml  
Cartridges



Two-component 10:1, fast speed adhesive. Bonds a wide variety of substrates including metals, thermoplastic and thermoset composites. Especially suited for sign & display assemblies. Bonds dissimilar materials.



UL 746C Approved

**31**  
490 ml  
Cartridge

Two-component 10:1, medium speed adhesive. Bonds a wide variety of substrates including metals, thermoplastic and thermoset composites. Especially suited for sign & display assemblies. Bonds dissimilar materials.



UL 746C Approved

**45**  
43 & 400 ml  
Cartridges



Two-component 4:1 high strength methacrylate structural adhesive. Bonds unprepared and corrosion resistant metals, composites and plastics.



UL 746C Approved

**46C**  
50 & 490 ml  
Cartridges

Two-component 10:1, high bond structural adhesive formulated for bonding a wide variety of substrates including metals, thermoplastic and thermoset composites. Especially suited for sign and display assemblies. Translucent cure.



UL 746C Approved

**400LSE**  
50 & 490 ml  
Cartridges

Two-component 10:1, high bond structural adhesive formulated for bonding low surface energy plastics and dissimilar substrates. Especially suited for sign and display and structural assemblies



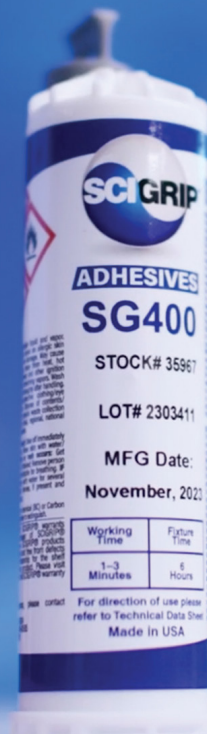
UL 746C Approved

**“GAME CHANGER”**

**SG400: Bond Low Surface Energy Plastics with No Surface Prep Required**

SCIGRIP's revolutionary new SG400LSE adhesive is formulated to cross-bond multi-material assemblies such as LSE plastics like polypropylene (PP) and polyethylene to metal, composites and other plastics without the need for costly, time consuming surface preparation.

Ask your rep about SG400 today.



ACCESSORIES



**50 ml APPLICATOR GUN**  
13585 — Manual



**50 ml 10:1 APPLICATOR GUN**  
13584 — Manual **93.60**  
Use with Weld-On 30, 42, 46C & 400LSE



**SSF 52X 490 ml APPLICATOR GUN**  
185196 — Manual

**MIXING TIPS**



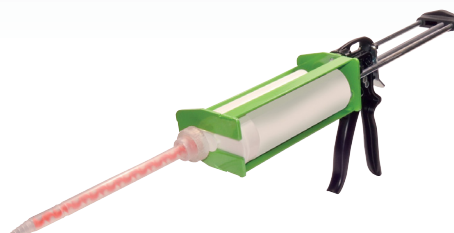
490 ML  
10:1  
150350

400 ML  
4:1  
14043

50 ML  
4:1  
13586

50 ML  
1:1 / 4:1  
11195

230 ML 10:1 13147  
(Not Shown)



**400 ml 4:1 APPLICATOR GUN**  
13302 — Manual **165.12**  
Use with Weld-On 45