



**World
Headquarters**



SIGN INDUSTRY GUIDE

ABOUT H.B. FULLER

Since 1887, H.B. Fuller has been a leading global adhesives provider focusing on perfecting adhesives and sealants to improve products and lives. With fiscal 2023 net revenue of \$3.51 billion, H.B. Fuller's commitment to innovation and sustainable adhesive solutions brings together people, products and processes that answer and solve some of the world's biggest challenges. Our reliable, responsive service creates lasting, rewarding connections with customers in electronics, disposable hygiene, medical, transportation, aerospace, clean energy, packaging, construction, woodworking, general industries and other consumer businesses. And, our promise to our people connects them with opportunities to innovate and thrive.

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PRODUCT APPLICATIONS



MP55300NBGB

- Bonding thin-walled aluminum
- Bonding thin-walled thermoplastics
- Bonding thinner gauged ACM with thinner films of aluminum



MP55305

- Very rapid bonding of small metal and thermoplastic parts
- Bonding tabs, clips, and extrusion end caps



MP55350

- Large aluminum sheet bonding
- Complex fitting or bending of aluminum panels to frames



MP55320

- Medium open time bonding of metal and thermoplastics
- Bonding panels to frames of monument signs
- Bonding and sealing cabinet signs
- Bonding and sealing of reverse channel letter signs



MP55420

- Fast set bonding of metal and thermoplastics
- Bonding panels to frames of monument signs
- Bonding and sealing cabinet signs
- Bonding and sealing of reverse channel letter signs



FAST 250 SIGN POST ANCHOR

- Rapid anchoring of directional signage to replace concrete
- For inground installation of parking lot, way finding, post and panel, and real estate signs



WELD MOUNT

- Used to bond Weld Mount bondable studs and wire tie mounts
- Used to replace stud welding of aluminum studs
- Used to bond Weld Mount bondable studs into tight-fitting corners
- Used to bond Weld Mount studs onto plastic sign parts



HP-700

- Multipurpose mist spray adhesive
- Ideal for bonding lightweight materials like decorative film, vinyl, foil, gasket, fabric, foam, label, or cardboard to metal, plastic, or wood surfaces



HP-2000

- High performance web spray adhesive
- Permanently bonds most substrates including metals, plastics, wood, laminates, foil, rubber, FRP, low energy plastics, Rubber, and foam

PRODUCT BENEFITS

Product	Ratio	Working Time (min)	Fixture Time (min)	Packaging Types	Benefits
MP55300NBGB	1:1	6- 8	15-25	50ml 400ml 10-gallon kits	<ul style="list-style-type: none"> • Less visible read-through of the adhesive bond lines • High-strength permanent structural assembly of metal and plastic parts • Glass beads aid in maintaining bond line thickness • Elimination of welding, riveting and mechanical fasteners
MP55305	1:1	2-3	5-6	50ml 400ml 10-gallon kits	<ul style="list-style-type: none"> • Fast curing allows for quicker assembly times • Versatility in bonding a multitude of substrates • Cured adhesive is sandable and paintable • Elimination of welding, riveting and mechanical fasteners
MP55350	1:1	20-40	60-90	50ml 400ml 10-gallon kits	<ul style="list-style-type: none"> • Longer open time allows for better assembly of larger panels and frames before the adhesive sets up • Versatility in bonding a multitude of substrates • Cured adhesive is sandable and paintable • Elimination of welding, riveting and mechanical fasteners
MP55320	10:1	12-13	23-35	50ml 380ml 490ml 5 gallons	<ul style="list-style-type: none"> • Versatility in bonding a multitude of substrates • Cured adhesive is sandable and paintable • 10 to 1 ported mixers dramatically reduce cross-contamination and clogging of cartridges • Elimination of welding, riveting and mechanical fasteners
MP55420	10:1	4-6	8-13	50ml 380ml 490ml 5 gallons	<ul style="list-style-type: none"> • Versatility in bonding a multitude of substrates • Cured adhesive is sandable and paintable • 10 to 1 ported mixers dramatically reduce cross-contamination and clogging of cartridges • Elimination of welding, riveting and mechanical fasteners
Fast Post Anchor		30 seconds to 1 minute	10-12	2.4 lb. bags	<ul style="list-style-type: none"> • Sets up to handling strength in 10 to 12 minutes • No need for mixing equipment, wheelbarrows, or water • Compressive strength similar to concrete • Easier to remove from the ground when excavated.
Weld Mount		6 to 8	10-15	50ml	<ul style="list-style-type: none"> • Stainless steel bonded studs have much higher strength than spot-welded aluminum studs • Patented No Slide AT-8040 formulation holds the studs vertically in place during curing • Bonded wire tie mounts are much stronger than sticky-backed standard wire tie mounts. • Outer surfaces of pre-painted post panel faces do not have to be re-painted
HP-700		15		12.2 wt. oz aerosol can	<ul style="list-style-type: none"> • Fine mist spray • Light color; no staining • Multipurpose mist spray adhesive • Ideal for bonding lightweight materials like decorative film, vinyl, foil, gasket, fabric, foam, label, or cardboard to metal, plastic, or wood surfaces
HP-2000		30		12.2 wt. oz aerosol can	<ul style="list-style-type: none"> • California compliant • High tempResistance (up to 240°F) • High performance web spray adhesive • Permanently bonds most substrates including metals, plastics, wood, laminates, foil, rubber, FRP, low energy plastics, rubber, and foam

EQUIPMENT INFORMATION

STATIC MIXERS



40002287
ME5-16(1:1)
GREEN SQUARE
MIXING TIP
50 mL 1:1

85001575
MIXER FOR
50 mL 10:1
CARTRIDGE
(ORANGE) 3.5"

85001562
SQUARE
STATIC MIXER
3.21
50 mL 1:1

40002286
ME5.4-
16(1:1)
MIXING TIP
50 mL 1:1

85001576
MIXER FOR
50 mL 10:1
CARTRIDGE
(ORANGE) 4.75"

85001604
6" STATIC
MIXER 50mL
1:1

85001584
STATIC
MIXER 400
mL 180AN-
818

85001620
400 mL
SQUARE
MIXER
180AN-824

85001579
490 mL
Cartridge mixer
ORANGE (MFHX
10-18T)

DISPENSE GUNS



85001594
50 mL Gun
for 1:1 or 10:1 Cartridges

85001591
490 mL Gun
for 10:1 Cartridges

85001597
400 mL Gun
for 1:1 Cartridges

85001600
380 mL Gun
for 10:1 Cartridges

85001599
400 mL Pneumatic Gun

85001592
490 mL Pneumatic Gun

PLUNGERS



45041682
for 10:1 Cartridges

45041683
for 1:1 Cartridges

CARTRIDGES



50 mL 1:1

50 mL 10:1

490 mL 10:1

400 mL 1:1

IMPORTANT: The information contained herein is believed to be correct to the best of our knowledge. However the recommendations and suggestions herein are made without guarantee or representation as to results. It is the purchaser's responsibility to test and determine the suitability of the product for the purchaser's intended use and purpose. Purchaser assumes all risk and liability whatsoever regarding such suitability. Any product samples provided for testing are provided in accordance with standard limited warranties as stated on our technical data sheets.

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