



BETASEAL™ Advanced-Cure Adhesives



- Choose from BETASEAL™ Express APG or BETASEAL™ Xpress30 in cartridges or sausage packs
- BETASEAL™ Express APG and BETASEAL™ Xpress30 are available in G-EZKits with primers, cleaners and accessories included
- Gun-n-Go – easy application, no heating required
- Crash proven to FMVSS 212 and 208
- All formulas are easy to use with superior decking and short cut-off string
- DuPont aftermarket products are tested to the harshest conditions from OEM standards, including long-term environments such as weatherometer and outdoor exposure
- Products are manufactured and tested for automotive application in an IATF 16949:2016 certified facility (IATF Certificate #0301635)

Adhesive	MDAT	Minimum Application Temperature
BETASEAL™ Express APG	60-minute	0°F (-18°C)
BETASEAL™ Xpress30	30-minute	0°F (-18°C)



Introducing the newest step in the Evolution of Express – Express APG

- Express APG is the newest step in the long lineage of BETASEAL™ Express innovation
- Express APG (APG = Advanced Primerless to Glass) is a combination of DuPont's proprietary RPM technology paired with 30 years of primerless-to-glass experience.
- The result – an Express formula with all the benefits of DuPont Advanced cure technology, that simplifies use by eliminating the glass priming step



BETASEAL™ Express APG – Fast Easy – the next evolution

- High modulus, non-conductive (HMNC)
- Primerless-to-glass exterior and inner frit
- Compatible with BETAPRIME™ 5504G All-in-One primer
- Technician friendly - excellent sag or slide resistance and easy-to-tool with short tails
- 60-minute MDAT down to 0°F (-18°C)
- 8-10 minute working time
- Single-component - 600 ml sausage or 310 ml cartridge



BETASEAL™ Xpress30 – 30-minute minimum drive away down to 0°F

- Exclusive RPM adhesive technology
- High modulus, non-conductive (HMNC)
- Excellent pumpability, no heating required and easy-to-tool
- Use with BETAPRIME™ 5504G All-in-One or CLEAR Advanced primers
- Superior decking and short cut-off string
- 8-10 minute working time
- Single component – 600 ml sausage or 310 ml cartridge



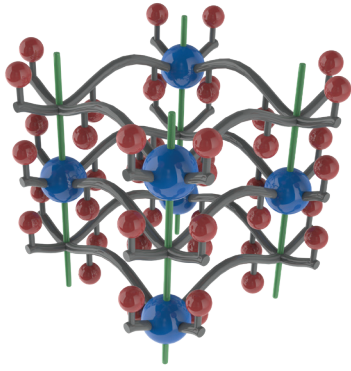
BETASEAL™ G-EZKit – everything you need for a good day's work

Every BETASEAL™ G-EZKit contains:

- Choice of adhesives – BETASEAL™ Express APG or BETASEAL™ Xpress30 in cartridges or foil packs
- 18 oz can BETACLEAN™ GC-800 Glass and Surface Cleaner
- 12 BETAPRIME™ CLEAR Advanced SA sticks for Xpress30
- 40 ml (1.4 oz) BETAPRIME™ 5504G All-in-One Primer
- Proof-of-Use stickers and precut nozzles

Maximum shelf life, as stated on product packaging, is achieved when the product is stored between 41°F (5°C) and 77°F (25°C). Temporary storage above 77°F (25°C) is permissible as long as it does not continuously exceed 110°F (43°C).





RPM

APG technology

EXPRESS APG (Advanced Primerless-to-Glass) is the newest innovation in DuPont's proprietary glass bonding technology. DuPont has applied its 30 years of automotive glass bonding experience to simplify the bonding process by eliminating the glass priming step. The result is an Express formula that delivers all the benefits of DuPont's world class bonding process in a fraction of the time.

Advanced-cure urethane adhesives

Advanced-cure urethane adhesives are one-component materials that contain enhanced chemical crosslinking to speed bonding. Advanced-cure adhesives need less moisture to cure and create uniform, reinforced properties throughout the adhesive. The chemical structure is the same in every direction. They absorb and dissipate crash stresses better than conventional-cure adhesives and develop high initial green strength to enable faster drive-away times.

RPM technology

Recently, DuPont developed the next step in advanced-cure adhesive technology, Reinforced Polyisotropic Micronetworked adhesive (RPM). RPM is an evolution of RINA technology. RPM offers the same highly crosslinked adhesive that RINA provides but, by shortening the distance between chemical bonds, the adhesive develops strength even faster, allowing for even further MDAT reduction. RPM technology is used in BETASEAL™ Express APG and BETASEAL™ Xpress30.

BETASEAL™ Express APG and BETASEAL™ Xpress30 Adhesives are part of a simple, clean-prime-bond glass replacement solution

Clean

Bonding surfaces must be clean of dirt, dust, water, oil, silicone and grease prior to priming and adhesive application. Use BETACLEAN™ GC-800 Glass and Surface Cleaner and a BETACLEAN™ Easy-Go Cleaning Sponge to abrade the surface and remove any contamination.

Prime

BETASEAL™ Express APG and BETASEAL™ Xpress30 urethanes require the use of BETAPRIME™ 5504G to prime paint, nicks and scratches, bare metal and encapsulations (RIM, PVC, and PAAS).

For glass BETASEAL™ Xpress30 requires glass primer (either BETAPRIME™ 5504G or BETAPRIME™ Clear Advanced)

BETASEAL™ Express APG can be applied primerless to clean glass with frit (exterior or inner layer frit).



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Form Number 001-20122-OIA0724