



Industrial

R519

Methacrylate Adhesive



ForzaBOND® R519 is a 2-part methacrylate adhesive designed to bond a wide range of substrates.

Benefits

- Excellent bonding to a wide variety of substrates
- 1:1 ratio – easy mixing or dispensing
- Minimal surface preparation required
- Excellent bond strength
- Forms tough, high strength, high impact resistant bonds
- Resists most common industrial cleaners, fuels, lubricants, and environmental conditions
- Impact and weather resistant
- Retains bond strength in boiling water, salt water, salt fog, kerosene, gasoline, diesel fuel, antifreeze, hydraulic fluids and cutting oils.

Product Application

- ForzaBOND® R519 is a two-part 1:1 mix ratio that is available in dual cartridges or bulk.
- When using cartridges, ensure flow from both sides of cartridge dispenser; attach static mixer and gun out material.
- After adhesive is mixed apply it to one surface to be bonded then mate the second surface.
- Surfaces should be clean and dry and in most cases no abrasion or solvent wipe is necessary.
- You have only 3-4 minutes to put parts together. Hold parts in position while curing (pressure clamping is not required).
- At room temperature handling strength is achieved at 7-10 minutes and in full cure in 2-3 hours.

Applications

ForzaBOND® R519 bonds engineered thermoplastics, thermosets, composites, and metal structural elements in any combination. It bonds a wide variety of rubber materials and a vast range of metals without the need for surface preparation, primers, or chemical wipes. Additionally, it effectively bonds composites and other substrates.

Technical Data

Appearance:	White
Cure Properties:	5 mins in mixer nozzle, allow 30 mins to handle
Elongation:	40%
Full Cure:	2-3 hours
Handling Strength:	5-6 minutes
Sored Hardness:	70-75
Steel-Steel:	4,200 psi
Aluminum - Aluminum:	3,400 psi
Viscosity:	200,000 CPS

Sizes

50ml Cartridge	5 Gallon
400ml Cartridge	52 Gallon Drum

CREATING INDUSTRIAL ADHESIVE, TAPE, AND SEALANT SOLUTIONS THAT OUTPERFORM

