

Code	Description	Size	Colour
00180	Gorilla Super Glue Easy Brush	5gr	Clear

1. Description

Gorilla Super Glue is a high strength, fast setting adhesive which can be used for virtually any type of fastening job. It has been specially formulated to achieve the strongest possible bond between well-mated, non-porous surfaces, such as rubber, metals, plastics, glass, etc. Gorilla Super Glue Adhesive is a one-component, solvent-free system and does not require the use of a catalyst, heat or clamps. When a thin layer of Gorilla Super Glue Adhesive applied between two surfaces comes into contact with atmospheric moisture, a rapid polymerization occurs producing the ultimate bond.

2. Characteristics

- High strength
- Top fast setting adhesive
- One component
- Solvent-free
- Does not require use of catalyst, heat or clamps

3. Technical Data

	Liquid State	Cured State
Base:	Ethyl Cyanoacrylate	
Colour:	Clear	Clear
Specific Gravity (20 °C):	1.053~1.060	1.1~1.3
Refractive Index (n_{20D}):	1.439	1.490
Flash Point (°C):	80(176 F)	
Boiling Point (°C):	65/6mm Hg	
Softening Point (°C):		145 (176°F)
Dielectric Constant (at 10MHz):		3.5
Dielectric Loss (at 10MHz):		0.067
Viscosity (cps):	30-60	
Soluble in:		Acetone, Dimethyl Formamide, Nitromethane, Dimethyl Sulfoxide

4. Applications

- Ceramics/Tiles
- Hardwood
- Laminated plastics
- Metals
- Paper
- Foam plastics
- Some PVC
- Other non-porous surfaces

5. Packaging

5g

6. Shelf Life

12 months

7. Application Instructions

Method: Make sure the surfaces to be bonded are clean and dry (preferable to solvent-wipe plastics, glass, and rubber, and to acid-treat materials). Dispense a drop or drops to one surface only. Apply only enough to leave thin film after compression. Press parts together and hold firmly for a few seconds. Good contact is essential. An adequate bond develops in less than one minute. Maximum strength is achieved in 24 to 48 Hours). Wipe off excess adhesive from the top of the container and recap Gorilla Super Glue Adhesive if left uncapped, may deteriorate by contamination from moisture in the air. Because Gorilla Super Glue Adhesive polymerises on contact with moist surfaces, sometimes a whitening will occur on the surface of the container or the bonded materials. Should this happen, wipe surfaces well with debonder.

Bond Strength

(Tensile Shear Strength, Cured for 24 Hours at 20-25°C)

	KG/CM2		KG/CM2
Rigid PVC to Rigid PVC	50-70	SBR to SBR	5-10
ABS to ABS	50-70	Steel to Steel	150-220
Polycarbonate to Polycarbonate	70-120	Stainless Steel to Stainless Steel	150-220
Polystyrene to Polystyrene	40-45	Aluminium to Aluminium	100-200
Natural rubber to Natural rubber	5-10	Copper to Copper	150-170
*Neoprene to Neoprene	5-10	Steel to Rigid PVC	40-60
NBR to NBR.....	5-10	Stainless Steel to Neoprene	5-10
ABS to SBR.....	5-10		

Cure Speed

	Seconds		Seconds
ABS to ABS	10-20	NBR to NBR	3-6
Wood to Wood	30-60	Stainless Steel to Stainless Steel	25-50
ABS to Stainless Steel	30-50	ABS to NBR	3-6
NBR to Stainless Steel	10-30	Wood to ABS	25-50

Precaution

- Use with proper ventilation. Avoid contact with skin and eyes.
- If contact with skin occurs, rinse with warm water or dissolve gradually with appropriate debonder. Do not try to remove forcibly.
- If adhesive gets into eye, keep eye open and rinse thoroughly. Seek medical attention immediately.
- Keep well out of reach of children.
- Keep adhesive in a cool, dry place 20-25°C. For long term storage, refrigeration (5°C) is recommended.

Holdfast	Competitor	Properties
105	420	20g Low viscosity, general industrial grade cyanoacrylate adhesive. Penetrating Gorilla Super Glue Adhesive
		500g Fast, strong bonds to a wide range of metal, plastic and rubber materials.
108	420	20g Low viscosity, general industrial grade cyanoacrylate adhesive. Penetrating.
		500g Fast, strong bonds to a wide range of metal, plastic and rubber materials. (Available upon request)
401	*401	20g Medium viscosity fast curing cyanoacrylate adhesive.
		500g For rubber and plastic components (Available upon request)
403	414	20g Medium viscosity cyanoacrylate adhesive
		500g For Vinyl and other plastics (Available upon request)
407	444	20g Medium viscosity cyanoacrylate adhesive Gorilla Super Glue Adhesive

		500g	Electronic applications
412	416	20g	Higher viscosity cyanoacrylate adhesive
		500g	Strong bonds to a wide range of metal, plastic and rubber materials. (Available upon request)
1417	417	20g	Temporary bonding cyanoacrylate adhesive (Available upon request)
424	422	20g	High viscosity, general industrial grade cyanoacrylate adhesive Gorilla Super Glue Adhesive.
		500g	Bonding a wide range of metal, plastic and rubber materials.
909	409	20g	Gel cyanoacrylate adhesive. Non-drip, nor-run applications Gorilla Super Glue Adhesive
		500g	
C681		20g	Clear, high viscosity rubber toughened cyanoacrylate adhesive. Impact,
		1kg	& Peel resistance (Available upon request)
C685	411	20g	Clear, high viscosity rubber toughened cyanoacrylate adhesive. Impact,
		1kg	& Peel resistance (Available upon request)
B680	480	20g	Black, medium viscosity cyanoacrylate adhesive. Flexible.
		500g	Good peel strength. Bonds metal, plastic & rubber. (Available upon request)
B684	410	20g	Black, rubber toughened cyanoacrylate adhesive. Peel & Impact resistant.
		500g	Bonds metal, plastic & rubber. (Available upon request)
B689(Gel)	426	20g	Black cyanoacrylate gel adhesive. Impact, peel & moisture resistant. (Available upon request)
B299(Gel)	*455	20g	Black gel, low odor, non-blooming cyanoacrylate adhesive. (Available upon request)
601	401	20g	Med. viscosity, difficult surface industrial grade cyanoacrylate adhesive. Gorilla Super Glue .
		500g	Fast, strong bonds to a wide range of metal, plastic and rubber materials.
606	406	20g	Low viscosity, difficult surface industrial grade cyanoacrylate adhesive.
		500g	Fast, strong bonds to a wide range of plastic and rubber & EPDM materials. (Available upon request)
695	495	20g	Med. viscosity, difficult surface industrial grade cyanoacrylate adhesive.
		500g	Fast, strong bonds to a wide range of metal, plastic and rubber materials. (Available upon request)
701	493	20g	Low viscosity general industrial grade cyanoacrylate adhesive.
		500g	For close fitting Metal bonding (Available upon request)
703	496	20g	Medium viscosity, fast setting cyanoacrylate adhesive.
		500g	For metal bonding (Available upon request)
724	415	20g	General Industrial grade cyanoacrylate adhesive for metal bonding
		500g	Realignment requirements, irregular surfaces, metal bonding (Available upon request)
201	408	20g	Low viscosity, low odor, non-blooming cyanoacrylate adhesive. (Available upon request)
		500g	
202	460	20g	Low viscosity, low odor, non-blooming cyanoacrylate adhesive.
		500g	Bonds a wide variety of materials for cosmetic applications. (Available upon request)
212	403	20g	Medium viscosity, low odor cyanoacrylate adhesive.
		500g	Bonds a wide variety of materials for low blooming applications. (Available upon request)
209	455	20g	Low odor, low blooming gel cyanoacrylate adhesive. (Available upon request)
TB601	4210	20g	Black, low viscosity rubber toughened cyanoacrylate adhesive. Impact, Peel & Thermal resistance (Available upon request)
T698	498	20g	Medium viscosity cyanoacrylate adhesive – resists Thermal cycling to 250F (Available upon request)
TB625	4211	20g	Black, high viscosity rubber toughened cyanoacrylate adhesive. Impact, Peel Humidity & Thermal resistance (Available upon request)

TB909	*4205	20g	Black, rubber toughened cyanoacrylate gel adhesive. Impact, Peel Humidity & Thermal resistance (Available upon request)
MX-2100	770	500g	PP. PE PRIMER (Available upon request)
MX-2001L	7452	500g	LIQUID ACCELERATOR (Available upon request)
MX-2201	768	500g	DEBONDER (Available upon request)

8. Health and Safety Recommendation

- Apply the usual industrial hygiene.
- Wear gloves and safety goggles.

Remark

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