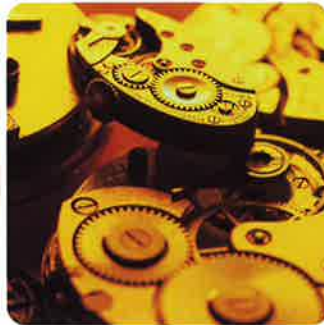


ALTECO®

PRODUCT CATALOGUE



ALTECO SUPER GLUE is an easy to use, quick cure and high strength adhesive. It is suitable for a wide variety of household usage. These include bonding of metal, plastic, rubber, wood, material with porous surfaces, on vertical surfaces and other general applications.

SUPER GLUE RANGE

#110 SERIES

Suitable for ceramics, glass, leather, metal, plastic, rubber, wood and general use.

Appearance	: Clear liquid
Viscosity (cP at 25°C)	: 75 - 150
Specific Gravity (25°C)	: 1.06 ± 0.02
Tensile Shear Strength (kgf/cm ²)*	: Min 100
Set Time (sec)*	: Below 15

* Bonding mild steel to mild steel

No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
1	#110-12V (3g x 12 pieces)	5.30	5.80	-	48 sheets	0.026	200 x 251 x 512
2	#110 3g	5.40	6.35	12	288	0.058	318 x 413 x 445
3	#110 3g Twin Pack	7.40	8.35	12	288	0.058	318 x 413 x 445
4	#110-12 (3g x 12 pieces)	3.25	3.85	-	24 sheets	0.031	209 x 374 x 396



SUPER GLUE RANGE

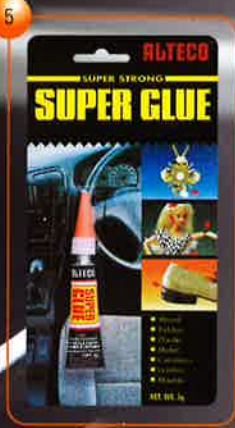
SG-2 SERIES

Suitable for ceramics, glass, leather, metal, plastic, rubber, wood and general use.

SG2

- Appearance : Clear liquid
- Viscosity (cP at 25°C) : 75 - 150
- Specific Gravity (25°C) : 1.06 ± 0.02
- Tensile Shear Strength (kgf/cm²)* : Min 100
- Set Time (sec)* : Below 15

* Bonding mild steel to mild steel



No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
5	SG-2 3g	5.40	6.35	12	288	0.058	318 x 413 x 445
6	SG-2 3g w/Remover	6.55	7.50	12	288	0.058	318 x 413 x 445
7	SG-2 3g Elephant	5.55	6.50	12	288	0.058	318 x 413 x 445
8	SG-12 SP (3g x 12 pieces)	3.41	4.01	-	24 sheets	0.031	209 x 374 x 396
9	SG-12 Pin (3g x 12 pieces)	3.10	3.70	-	24 sheets	0.031	209 x 374 x 396
10	SG-2S 3g	4.15	5.15	12	288	0.043	330 x 372 x 350

- Item 5, 6, 8 & 10 come with self penetration (SP) cap.
- Item 7 comes with pin & capillary nozzle which allows user to bond narrow and difficult to reach areas.
- Item 9 comes with...

SUPER GLUE RANGE

SUPER GLUE GEL

Specially formulated for materials with porous surfaces and for application on vertical surfaces.

PEN TYPE SERIES

Ideal for school and office use. Innovative mechanism allows users to have better control of the amount of glue dispensed.

Appearance	: Transparent gel
Viscosity (cP at 25°C)	: 26,000 - 50,000
Specific Gravity (25°C)	: 1.10 ± 0.02
Tensile Shear Strength (kgf/cm ²)*	: Min 150
Set Time (sec)*	: Below 10

SUPER GLUE GEL

Appearance	: Clear liquid
Viscosity (cP at 25°C)	: 2 - 8
Specific Gravity (25°C)	: 1.06 ± 0.02
Tensile Shear Strength (kgf/cm ²)*	: Min 70
Set Time (sec)*	: Below 5

PEN TYPE SUPER GLUE

* Bonding mild steel to mild steel

No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
11	Gel-12V (3g x 12 pieces)	2.47	2.85	-	24 sheets	0.014	202 x 139 x 514
12	Gel 3g	5.65	6.60	12	288	0.058	318 x 413 x 445
13	Super Glue Pen 2g (Rectangular)	4.28	5.23	8	192	0.058	318 x 413 x 445
14	Super Glue Pen 2g (Round)	5.10	6.05	8	192	0.058	318 x 413 x 445



ALTECO EPOXY is formulated for users who require high strength, durable and waterproof finishing after curing. This range is specifically formulated for household and industry users with varying requirements. Good resistance to acid, alkali, oil, solvent and chemicals. Non-flammable and non-shrinking. Can be filed, grinded and drilled after cured.

EPOXY RANGE

2 TON QUICK EPOXY & 3 TON QUICK EPOXY

Metal filled for superior tensile shear strength. Suitable for automobile and other industrial repair works. Fast curing time for small bonding area.

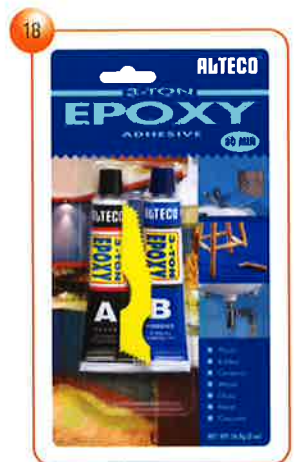
3 TON EPOXY

Metal filled for superior tensile shear strength. Suitable for household repairs. Slow curing time for big bonding area.

Appearance	: Non-transparent paste	2 TON QUICK EPOXY 3 TON QUICK EPOXY	Non-transparent paste
Viscosity (cP at 25°C)	: (A) Above 400,000 (Resin) (B) Above 800,000 (Hardener)		(A) Above 400,000 (Resin) (B) Above 500,000 (Hardener)
Specific Gravity (25°C)	: (A) 1.65 ± 0.10 (Resin) (B) 1.55 ± 0.10 (Hardener)		(A) 1.65 ± 0.10 (Resin) (B) 1.50 ± 0.10 (Hardener)
Tensile Shear Strength (kgf/cm ²)*	: Min 155		Min 130
Working Time	: 13 min		3 min
Curing Time	: Below 35 min		Below 6 min
Hardness (Shore-D)	: Min 60		Min 70
Mixing Ratio in Volume (%)	: (A) 100 (B) 100		(A) 100 (B) 100
Colour of Finishing	: Grey		Grey

* Bonding mild steel to mild steel

No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
15	3 Ton Quick Epoxy 10g V (10g x 6 sets)	3.00	3.40		24 sheets	0.015	139 x 212 x 514
16	3 Ton Quick Epoxy 56.7g	13.05	14.25	12	144	0.072	462 x 462 x 337
17	2 Ton Quick Epoxy 56.7g	13.00	14.20	12	144	0.072	462 x 462 x 337
18	3 Ton Epoxy 56.8g	12.40	13.60	12	144	0.072	462 x 462 x 337



EPOXY RANGE

F-05, CLEAR EPOXY & F6100

Suitable for ceramics, crystal, glass, jewellery, metal, porcelain and wood.



Appearance	: Clear liquid (Resin) Clear liquid (Hardener)	F-05	: Clear liquid (Resin) Clear liquid (Hardener)	CLEAR EPOXY	: Clear liquid (Resin) Clear liquid (Hardener)
Viscosity (cP at 25°C)	: (A) 11,000 - 21,000 (Resin) (B) 9,000 - 15,000 (Hardener)		: (A) 11,000 - 21,000 (Resin) (B) 9,000 - 15,000 (Hardener)		: (A) 10,000 - 15,000 (Resin) (B) 10,000 - 20,000 (Hardener)
Specific Gravity (25°C)	: (A) 1.16 ± 0.10 (Resin) (B) 1.13 ± 0.10 (Hardener)		: (A) 1.16 ± 0.10 (Resin) (B) 1.13 ± 0.10 (Hardener)		: (A) 1.16 ± 0.10 (Resin) (B) 1.10 ± 0.10 (Hardener)
Tensile Shear Strength (kgf/cm ²)*	: Min 90		: Min 90		: Min 90
Working time	: 3 min		: 3 min		: 3 min
Curing time	: Below 5 min		: Below 5 min		: Below 5 min
Hardness (Shore-D)	: Min 70		: Min 70		: Min 70
Mixing Ratio in Volume (%)	: (A) 100 (B) 100		: (A) 100 (B) 100		: (A) 100 (B) 100
Colour of Finishing	: Transparent		: Transparent		: Transparent

F6100 (High Strength Formula)

Appearance	: Clear liquid (Resin) Clear liquid (Hardener)
Viscosity (cP at 25°C)	: (A) 10,000 - 15,000 (Resin) (B) 35,000 - 80,000 (Hardener)
Specific Gravity (25°C)	: (A) 1.16 ± 0.10 (Resin) (B) 0.97 ± 0.10 (Hardener)
Tensile Shear Strength (kgf/cm ²)*	: Min 130
Working time	: 1 hour
Curing time	: Below 7 hours
Hardness (Shore-D)	: Min 70
Mixing Ratio in Volume (%)	: (A) 100 (B) 100
Colour of Finishing	: Light yellowish

* Bonding mild steel to mild steel

No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
19	F-05 Clear Epoxy 6g V (6g x 6 sets)	2.65	3.05		24 sheets	0.015	139 x 212 x 514
20	F-05 Clear Epoxy 20g	6.40	7.55	12	144	0.057	380 x 570 x 265
21	F-05 Clear Epoxy 40g	10.55	11.75	12	144	0.072	462 x 462 x 337
22	Clear Epoxy 30g	8.20	9.30	12	144	0.058	474 x 474 x 259
23	F6100 Clear Epoxy 40g	10.30	11.50	12	144	0.072	462 x 462 x 337



ALTECO EPO PUTTY is a clay type two parts epoxy adhesive for use on concrete, fibreglass, metal, PVC, plastic, wood, etc. Can be applied on dry or wet surfaces and cures even under water. No shrinkage, it can be drilled, grinded, filed and painted after cured. It is also resistant to chemicals.

EPO PUTTY RANGE

EPO PUTTY 2 IN 1

Fast setting and versatile epoxy compound that works on most of materials.

EPO PUTTY

Developed for bonding of concrete, fibreglass, metal, PVC, plastic, wood materials, etc. It is curable under normal condition and also under water or sea water. It can also be used on both wet and dry surfaces.

EPO PUTTY (Aquarium)

Specially formulated for aquarium use like bonding corals and rocks. It does not cloud, alter the PH level, remove oxygen from water and has been tested to be safe for marine life.*

Appearance : Non-transparent paste
 Viscosity (cP at 25°C) : Paste
 Specific Gravity (25°C) : (A) 1.76 ± 0.10 (Resin)
 (B) 1.82 ± 0.10 (Hardener)

Tensile Shear Strength (kgf/cm²)* : Min 70
 Working Time : 7 min
 Curing Time : 8 - 12 min
 Hardness (Shore-D) : Min 60
 Mixing Ratio in Weight : (A) 100 (B) 100
 Colour of Finishing : Dark grey

EPO PUTTY 2 IN 1

Appearance : Non-transparent paste
 Viscosity (cP at 25°C) : Paste
 Specific Gravity (25°C) : (A) 1.76 ± 0.10 (Resin)
 (B) 1.82 ± 0.10 (Hardener)
 Tensile Shear Strength (kgf/cm²)* : Min 70
 Working Time : 7 min
 Curing Time : 8 - 12 min
 Hardness (Shore-D) : Min 60
 Mixing Ratio in Weight : (A) 100 (B) 100
 Colour of Finishing : Dark grey

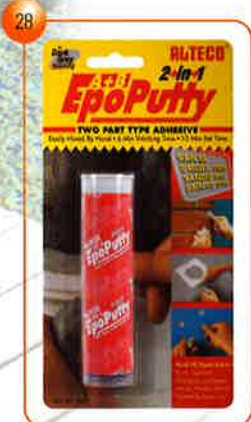
EPO PUTTY EPO PUTTY (Aquarium)

Appearance : Non-transparent paste
 Viscosity (cP at 25°C) : Paste
 Specific Gravity (25°C) : (A) 1.81 ± 0.10 (Resin)
 (B) 1.80 ± 0.10 (Hardener)
 Tensile Shear Strength (kgf/cm²)* : Min 80
 Working Time : 30 min
 Curing Time : Below 2 hours 30 min
 Hardness (Shore-D) : Min 70
 Mixing Ratio in Weight : (A) 100 (B) 100
 Colour of Finishing : Light yellowish

* Bonding mild steel to mild steel

† All features mentioned are based on tests conducted under conditions spelt out in test study numbers: AFS/12.02 and CPS/12.03.

No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
24	Epo Putty 50g	10.55	11.50	6	144	0.058	318 x 413 x 445
25	Epo Putty 100g	17.95	19.10	12	144	0.073	410 x 430 x 414
26	Epo Putty 100g (Aquarium)	17.95	19.10	12	144	0.073	410 x 430 x 414
27	Epo Putty 500g	12.65	13.00	1	24	0.013	182 x 262 x 275
28	Epo Putty 2 in 1 50g	11.60	12.55	6	144	0.058	318 x 413 x 445
29	Epo Putty 2 in 1 50g (Box)	13.10	13.65	24	192	0.026	370 x 245 x 285



ALTECO RTV SILICONE GASKET MAKER is designed to deliver reliable "formed-in-place" gaskets for mechanical assemblies in high temperature applications up to 343°C (650°F). It resists aging, weathering and thermal cycling without cracking, shrinking and migration.

RTV SILICONE GASKET MAKER RANGE

Replaces almost any cut gasket and can be used to coat pre-cut gaskets to increase reliability. Ideal as replacement for gasket, seal, gasket dressing, cork and felt.

BLACK / BLUE / RED / GREY

Uncured Material

Appearance : Non-transparent paste
Tack Free Time : Max 25 min
Extrusion Rate : 250 - 500 g/min

Cured Material (25°C / 50%, 7 days)

Hardness (Shore A) : Min 18
Tensile Strength (psi) : Min 170
Elongation at break : Min 300%

No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
30	RTV Silicone Gasket Maker 85g (Black)	17.00	18.20	12	144	0.075	466 x 447 x 359
31	RTV Silicone Gasket Maker 85g (Blue)	17.00	18.20	12	144	0.075	466 x 447 x 359
32	RTV Silicone Gasket Maker 85g (Red)	17.00	18.20	12	144	0.075	466 x 447 x 359
33	RTV Silicone Gasket Maker 85g (Grey)	17.00	18.20	12	144	0.075	466 x 447 x 359

30 31 32 33



ALTECO MS PRO is a quick curing and clear elastic adhesive that contains no solvent, odourless and ecologically friendly. It resists to water, heat and weather.



ALTECO LIQUID GASKET is a semi-drying and elastomer type liquid gasket. It is resistant to water, heat, oil, gasoline and works efficiently on uneven joint surfaces with good gap filling ability.



MODIFIED SILICONE & LIQUID GASKET

MS PRO

Suitable for indoor and outdoor use. Can repair/bond most materials such as concrete, ceramics, tile, wood, leather, glass, rubber and metal except PE, PP and PTPE.

MS PRO	
Appearance	: Pale yellow liquid
Viscosity (cP at 25°C)	: 100,000 - 140,000
Specific Gravity (25°C)	: 1.05
Tensile Shear Strength (kgf/cm ²)†	: Min 30
Skinning Time (min)	: 7 - 15

LIQUID GASKET

Easy to use as a quick cure, room temperature vulcanizing type liquid gasket. When dried, it turns into a rubber-like elastic substance that possesses excellent heat, oil and gasoline resistance capability.

LIQUID GASKET	
Appearance	: Grey liquid
Viscosity (cP at 25°C)	: 15,000 - 40,000
Specific Gravity (25°C)	: 0.90 - 1.40
Solid Content (%)	: 40 - 55
State After Application	: Semi-drying
Elasticity	: Elastic
Pressure Resistance (kg/cm ² at 30°C)	: Min 100
Water Resistance (% loss at 90°C)	: Below 5
Oil Resistance (% loss at 90°C)	: Below 5
Diluents	: Toluene, Xylene
Serviceable Temperature	: -40°C to 150°C

† Bonding aluminum to aluminum

No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
34	MS Pro 10g	7.20	8.15	12	288	0.058	318 x 413 x 445
35	Liquid Gasket 50g (Blister)	12.45	13.95	12	144	0.119	360 x 620 x 535
36	Liquid Gasket 50g (Box)	10.75	11.35	1	150	0.031	209 x 374 x 396
37	Liquid Gasket 100g (Box)	20.15	21.30	12	144	0.073	430 x 410 x 414



ALTECO PAINT MARKER range has a wide variety of colours and suitable for both outdoor and indoor use. The paint is durable, dries quickly and is waterproof.

PAINT MARKER RANGE

Easy to use, water proof and durable. Available in 8 vibrant colours. Suitable to use on glass, plastic, cardboard, tile, ceramics, porcelain, rubber, steel plate, wood, paper, etc.

No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
38	Paint Marker (Shrink Wrap)	12.90	13.60	12	576	0.033	232 x 432 x 329
39	Paint Marker (Blister)	13.85	14.80	20	480	0.062	332 x 437 x 430

38



39



Colours Available: Gold, Silver, Black, White, Red, Yellow, Blue and Green

ALTECO INDUSTRIAL GLUE range is easy to use as a quick cure, high strength adhesive. Alteco has a wide range of grades, each with its unique properties to meet different industry needs.

INDUSTRIAL GLUE RANGE

CN SERIES

High bonding strength and excellent impact resistance on metal.

D

Show remarkable cure speed to bond slippery surfaces such as EPT, EVA, soft PVC and metal.

EE

Rapid cure adhesive for rubber, plastic and steel.

EZ SERIES

Rapid cure adhesive for porous surface such as wood, butt joint hobby craft and ceramics materials.

W1

Easy to use as a quick cure, high strength adhesive.

Z-114

Extremely high cure speed on porcelain.

ZCW

Extremely fast cure speed on wood.

No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
40	Ind. Glue 20g	11.3	12.3	25	300	0.049	505 x 350 x 275
41	Ind. Glue 50g	9.51	10.51	20	120	0.049	505 x 350 x 275

40 41



INDUSTRIAL GLUE RANGE

Usage	Product	Set Time* (sec)	Viscosity (cps)	Tensile Shear Strength* (kgf/cm ²)
Nail Glue	PK35 [#]	2-5	35-70	80-90
	PK150 [#]	4-8	120-250	90-110
	N350PS [#]	5-8	250-450	130-150
Multi-Purpose	DA	2-4	2-8	80-100
	EE	3-5	2-8	80-100
	D-30	2-5	30-50	150-180
	W1	8-10	75-150	120-130
	E50	5-10	75-120	150-250
	DA75	2-5	70-150	110-130
	DA150	3-5	120-240	150-180
	DA250	3-5	220-400	180-200
	DA350	4-7	300-500	120-160
	EX20	3-5	20-40	100-110
EX35	4-7	35-70	90-100	
V2	30-40	2,000-3,000	120-150	
Rapid Curing	Z114	2-4	2-10	80-100
	ZSQ	2-4	2-10	80-100
	D	2-4	2-10	80-100
	WSQ	2-4	75-100	120-150
Metal Impact Resistant	CN2	4-7	2-8	180-220
	CN4	5-8	75-100	180-220
	CN6	10-20	1,000-2,000	180-220
Gel	GEL	4-8	26,000-50,000	180-220
Difficult to Bond Material	ZCW	1-2	2-10	130-150
	EZ3	1-2	2-10	160-180
	EZ20	1-2	17-40	120-140
	EZ50	1-2	40-100	160-180
	EZ100	1-2	100-200	160-180
	EZ200	1-2	200-400	150-170
	EZ300	1-2	280-500	140-160
EZ1500	2-3	1,000-2,000	160-180	
Flexible Glue	FC100	3-5	100-150	100-120
	FC300	4-7	280-350	100-120
	FC700	4-8	650-800	100-120
Porous Material	BC401	2-3	85-170	100-130
	BC401S	2-3	95-200	100-120
	ERF3	1-2	2-8	120-140
No Blooming, No Odour	Z84	5-15	2-5	70-150
Less Blooming, Less Odour	ME5	3-7	4-10	70-100
	ME60	7-10	60-120	70-100
	ME1000	8-12	800-1500	70-100

* Bonding mild steel to mild steel
Pink Glue

OTHER INDUSTRIAL RANGE



No.	Product	Net Wt (kg)	Gross Wt (kg)	Unit/Box	Unit/Ctn	Volume (m ³)	Dimension (mm)
42	Alteco Ace 2g (Zipper Bag)	14.35	15.35	50/z.bag	3,600	0.049	505 x 350 x 275
43	Alteco Ace 2g (Box)	20.20	21.20	250	5,000	0.049	505 x 350 x 275
44	Amir Alpha 2g (Box)	20.20	21.20	250	5,000	0.049	505 x 350 x 275
45	F6100 2kg Set	13.80	14.50	-	6 sets	0.029	370 x 250 x 310
46	3 Ton Epoxy 1.5 kg Set	10.50	11.00	1 set	6 sets	0.020	345 x 230 x 250
47	3 Ton Quick Epoxy 1.5kg Set	10.90	11.40	1 set	6 sets	0.020	345 x 230 x 250
48	F-05 Clear Epoxy 1kg Set	7.45	7.95	1 set	6 sets	0.020	345 x 230 x 250
49	F6200 2kg Set	13.70	14.40	-	6 sets	0.029	370 x 250 x 310

ALTECO®

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