

Moment Adhesives for Rubber



Part Number		Applicable Rubber Material	Qty.	Initial Hardening Time	Main Component	Unit Price
Type	No.					
BOND	R	Nitrile / Chloroprene / Ethylene / Butyl / Fluorine	20g	10 seconds	α-cyanoacrylate	
	S	Silicon	100g	12 hours	Silicon	

⚠ Please note that BONDS (Adhesives for Silicon) takes long initial hardening time.



Adhesive Strength Data

Base material and SUS board are adhered and measured by 180° peeling test.

Adhesive Strength

Unit: N/25mm Width

Conditions	BOND R					BOND S
	Nitrile	Chloroprene	Ethylene	Butyl	Fluorine	Silicon
Room Temp.x20 Minutes	40	50	80	70	45	1 or Less
Room Temp.x72 hours	50	50	80	70	50	20
80°Cx48 hours	40	40	80	70	50	40

• Features of BOND R

- Adheres rubber, iron and stainless steel instantly. (Except silicon and urethane rubber)
Possible to adhere rubbers.
- Viscosity is adjusted to decrease the dripping of adhesives.
- Included nozzle for application (nozzle tip size: 0.5 ~ 0.6mm) allows application to details.



Part Number	Qty.	Color	Mixture Ratio	Initial Hardening Time	Useable Duration	Main Component	Unit Price
BOND-U	Main Component 100g	Clear	1:1	1 hour (Room Temp. 20°C Assumed)	6 minutes	Epoxy Amine / Polythiol	
	Hardener 100g	Light Yellow					

⚠ Mix well in a container at 1:1 ratio.
Please read the included instructions thoroughly.
Use within 6 minutes after mixing the main component and the hardener.

⚠ Adhesive Strength: 180 Degree Delamination Strength Test
URTB (Equivalent to adhesives for urethane)

Cure Condition		Delamination Strength (N/25mm Width)
Temperature	Time	
Room Temp. (23°C)	20 Minutes	1 or Less
	72 hours	20
80°C	48 hours	40



Part Number				W	Applicable Rubber	Base Material	Main Component	Unit Price			
Standard Type	Heat Resistant Type	Conductive Type	Oil Resistant Type					Standard Type	Heat Resistant Type	Conductive Type	Oil Resistant Type
ADTR	-	LADTR	PLADTR	20	Nitrile / Chloroprene / Ethylene / Butyl / Fluorine	Non-Woven Polyester Fabric	Acrylic Adhesive		-		
				50							
ADTS	HADTS	-	-	20	Silicon	Standard: Polyester Film Heat Resistant: Polyimide Film	Silicon Adhesive			-	-
				50							

⚠ ADTR are in 5m rolls, others are in 10m rolls.
⚠ For ADTS, only the white release paper side (silicon bond surface) can be bonded to silicon rubber.



⚠ Double sided adhesive seals and adhesives for urethane, rubber, and sponge are also available as web page listed products.
For details, search the product model names at <http://fa.misumi.jp>.

Adhesive Test Data

180 Degree Delamination Strength Test: 1mm thick, 25mm wide rubber sheet bonded to a SUS304 plate and measured. Delamination strength force is expressed as adhesive load (N).

Unit: N/25mm Width

Conditions	Standard Type							Conductive Type				Oil Resistant Type	
	ADTR							LADTR					
	Nitrile	Chloroprene	Ethylene	Butyl	Fluorine	Silicon	HADTS	Silicon	Nitrile	Chloroprene	Ethylene		Butyl
Room Temperature x 20 min.	60	60	60	60	60	13	3	6	6	6	6	6	See P.420
Room Temperature x 72 hours	80	80	80	80	80	15	9	9	9	9	9		
80°C x 48 hours	70	70	70	70	70	15	10	13	14	12	12		

⚠ Adhesive strength data are not guaranteed values, but examples of measured values.
Heat Resistance Temperature HADTS: 200°C Others: 120°C