



# A-240 (STPU)

## Silicone Terminated Polyurethane Adhesive

### Features

- Working temperature range is -20°C to 100°C after cured.
- A-240 is a single component adhesive, fast cure, easy to apply.
- Outstanding adhesion to plastics, glass and metals. Widely used in various electronic components and electrical equipment for the potting and bonding purposes.
- Good elasticity, also is a Green product (RoHS compliant). No low molecule siloxane compounds will be emitted.

### Typical Specifications

Color	:	<b>Translucent</b>	<b>Black</b>	<b>White*</b>
Viscosity	: @25°C、S14,2 rpm、cps	-	-	24,000~61,000
	: @25°C、S14,10 rpm、cps	25,000~76,000	25,000~75,000	-
	: @25°C、S14,20 rpm、cps	-	-	15,000~47,000
Specific	: @25°C	1.07~1.09	1.05~1.07	1.15~1.17
Hardness	: Shore A	40~50	45~55	40~50
Tack-Free Time <sup>◎</sup>	: @25°C, Min	10~15	5~10	5~10
Initial Cure <sup>◎</sup>	: @25°C, Min	20~30	15~20	15~25
Full Cure <sup>◎</sup>	: @25°C, Day	7	7	7
Shelf Life	: @25°C、Unopened	6 Months	6 Months	6 Months

### Bond strength (Unit: kgf/cm<sup>2</sup>)

ABS to ABS	:	7	8
PET to PET	:	30	18
Copper to Copper	:	39	47
Aluminum to Aluminum	:	26	33
Glass to Glass	:	7	26
PMMA to PMMA	:	19	22
SUS to SUS	:	30	27
Polycarbonate to Polycarbonate	:	13	12
PVC to PVC	:	30	36

◎ The curing speed is related to the temperature and humidity in air and the adhesive thickness applied.

※ White is thixotropic.

傑地有限公司

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