

PS-0237

Product Description:

PS-0237 is a hybrid acrylic-rubber adhesive which is initially applied with pressure and further activated with application of heat.

Construction / Properties:

Property	Value	Test Method
Total Thickness	0.05mm and 0.10 mm	QSP-726
Continuous Use Conditions	10 – 200 C	WI-8.2-13

Temperature (C)	Adhesive Thickness (mm)	Shear Strength (kgf)
25	0.05	5.4
	0.10	8.5
40	0.05	5.4
	0.10	8.5
100	0.05	5.5
	0.10	8.6
150	0.05	9.2
	0.10	12.1
200	0.05	14.6
	0.10	19.5

** Bond of 5mm x 5mm area to 1mm thickness SUS (80-100C/0.2MPa/3 sec)

** Heat both sides and apply pressure, cool for 1 min (500g load), age 1 hr at RT

** Bond strength using UTM tester at 50mm/min

** Prebonding is not necessary

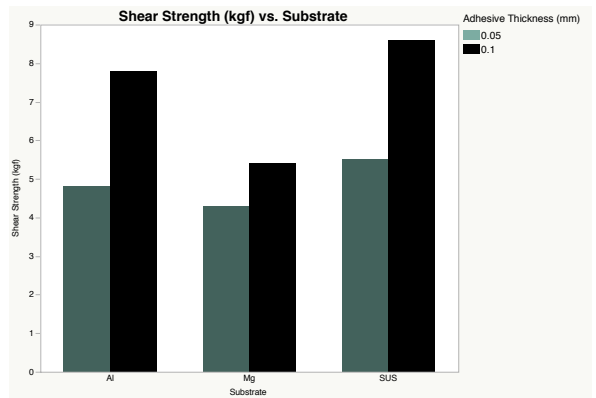
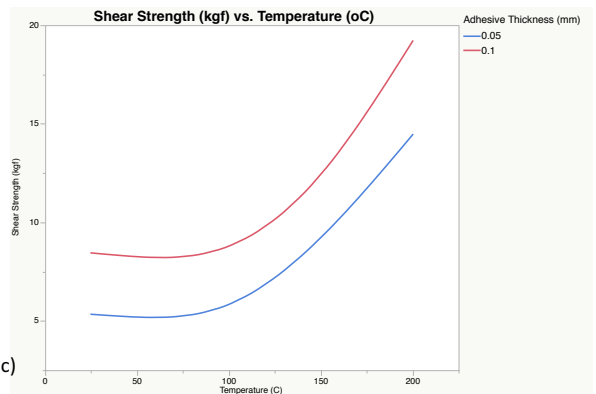
Substrate	Adhesive Thickness (mm)	Shear Strength (kgf)
SUS	0.05	5.5
	0.1	8.6
Al	0.05	4.8
	0.1	7.8
Mg	0.05	4.3
	0.1	5.4

** Bond of 5mm x 5mm area to 1mm thickness (80-100C/0.2 Mpa/3 sec)

** Heat both sides and apply pressure, cool for 1 min (500g load), age 1 hr at RT

** Bond strength using UTM tester at 50mm/min

** Prebonding is not necessary



Specific tests should be performed by the end user to determine the product suitability for the particular application.

For Additional Information:

E-Mail: sales@polymerscience.com

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Web: www.polymerscience.com

Revision: 051716



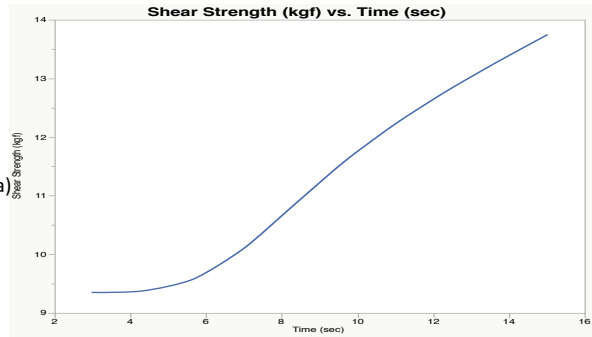
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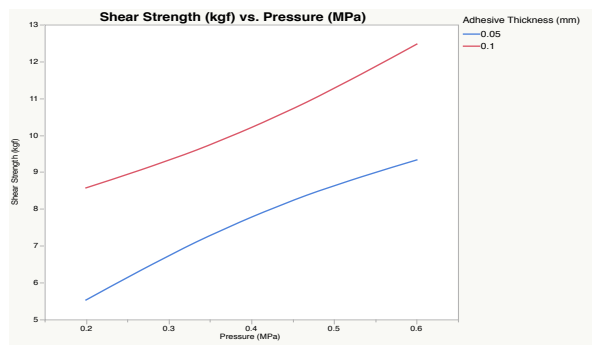
Time (sec)	Shear Strength (kgf)
3	9.6
6	9.1
9	11.6
15	13.7

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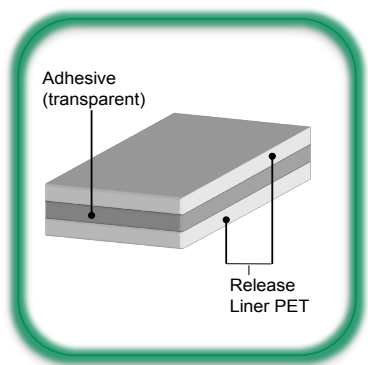
Pressure (Mpa)	Adhesive Thickness (mm)	Shear Strength (kgf)
0.2	0.05	5.5
	0.1	8.6
0.4	0.05	7.9
	0.1	10.1
0.6	0.05	9.3
	0.1	12.5

- ** Bond of 5mm x 5mm area to 1mm thickness SUS (80-100C/3 sec)
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- ** Bond strength using UTM tester at 50mm/min
- ** Prebonding is not necessary



Features

- Converter Friendly
- Excellent Shear Strength
- Resistant to Moisture



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