



产品技术说明书

Product technical specification

一. 产品描述 Product Description

PLA3025亚克力泡棉胶带是丙烯酸加强胶涂布在亚克力泡棉两面，形成泡棉覆合结构，覆以离型膜或离型纸制作而成。具有粘着力强,耐候性佳的特性,对塑料,金属,木材,纸张和有机硅等不易剩贴表面都有很好的粘合力。防水,减震,隔音等,在高低温环境下具有良好的持久性,剥离强度,初粘性和剪切强度好。抗化学溶剂,抗潮湿,抗紫外线。具有极佳的填缝效果，可有效减轻重量,取代螺丝，铆钉,焊接,同时固定及密封。

PLA3025 acrylic foam tape is made by coating acrylic reinforced adhesive on both sides of acrylic foam to form a foam overlay structure, which is coated with release film or release paper. It has the characteristics of strong adhesion and good weather resistance, and has good adhesion to surfaces that are not easy to stick to, such as plastics, metals, wood, paper, and organic silicon. Waterproof, shock-absorbing, soundproof, etc., it has good durability in high and low temperature environments, with good peel strength, initial adhesion, and shear strength. Resistant to chemical solvents, moisture, and UV rays. Has excellent sealing effect, can effectively reduce weight, replace screws, rivets, welding, while fixing and sealing.

二. 产品结构 Product structure



三. 主要用途 Main Use

✧ 可用于汽车工业, 电子行业, 广告行业, 五金制造, 建筑业。

It can be used in the automotive industry, electronic industry, advertising industry, hardware manufacturing, and construction industry.

✧ 可用于太阳能光伏行业, 电梯应用。

It can be used in the solar photovoltaic industry and elevator applications.

四. 产品特性 Product Features

➤ 具有防水, 减震, 隔音等效果

Waterproof, shock-absorbing, and soundproof

➤ 粘着力强

Strong adhesion

➤ 耐候性佳

Excellent weather resistance

➤ 剥离强度, 初粘性和剪切强度高

Good peel strength, initial viscosity, and shear strength

➤ 高低温环境都具有良好的持久性,

Both high and low temperature environments have good durability

➤ 对塑料, 金属, 木材, 纸张和有机硅等不易黏贴表面都有很好的粘合力

Has good adhesion to surfaces that are not easily adhered to, such as plastic, metal, wood, paper, and organosilicon

➤ 抗化学溶剂, 抗潮湿, 抗紫外线

Resistant to chemical solvents, moisture, and UV rays

➤ 对高低表面能材料都具有出色的粘合力

Excellent adhesion to materials with high and low surface energy

五. 典型性能 Typical performance

项 目 Test items	测试方式 Test method	单位 Unit	PLA3040
颜色 Color	目测 Visual inspection	-	黑 black

胶系 Type of glue	-	-	丙烯酸酯 Acrylate adhesive
基材 Base material	-	-	亚克力 Acrylic
总厚度 Total thickness	ASTM D-3652	mm	0.25
剥离强度 (180° Peel strength)	ASTM D-3330	N/inch	30
环形初粘 Circular initial adhesion	ASTM D-6195	N/in ²	30
保持力 (Holding force)	ASTM D-3654	h	≥ 24
长期耐温性 Long term temperature resistance	-	°C	120
短期耐温性 Short term temperature resistance	-	°C	160

六. 产品规格 Product specifications

- 1000mm*33m
- 或其他定制 available for customization

七. 储存及保质期 Storage and shelf life

建议存放在清洁干燥的地方，防止包装破损，避免与挥发性溶剂放在一起。存储温度为4 ~ 26°C，湿度为40 ~ 50%。

It is recommended to store them in a clean and dry place to prevent package damage and volatile solvents. Suggestion storage temperature is 4~26 °C, and the suggestion humidity is 40~50%.

为保持最佳性能，本品应在生产之日起6个月内使用。

To maintain the best performance, this product should be used within 6 months from the date of production.



产品技术说明书

Product technical specification

一. 产品描述 Product Description

PLA3040亚克力泡棉胶带是丙烯酸加强胶涂布在亚克力泡棉两面，形成泡棉复合结构，覆以离型膜或离型纸制作而成。具有粘着力强，耐候性佳的特性，对塑料，金属，木材，纸张和有机硅等不易剩贴表面都有很好的粘合力。防水，减震，隔音等，在高低温环境下具有良好的持久性，剥离强度，初粘性和剪切强度好。抗化学溶剂，抗潮湿，抗紫外线。具有极佳的填缝效果，可有效减轻重量，取代螺丝，铆钉，焊接，同时固定及密封。

PLA3040 acrylic foam tape is made by coating acrylic reinforced adhesive on both sides of acrylic foam to form a foam overlay structure, which is coated with release film or release paper. It has the characteristics of strong adhesion and good weather resistance, and has good adhesion to surfaces that are not easy to stick to, such as plastics, metals, wood, paper, and organic silicon. Waterproof, shock-absorbing, soundproof, etc., it has good durability in high and low temperature environments, with good peel strength, initial adhesion, and shear strength. Resistant to chemical solvents, moisture, and UV rays. Has excellent sealing effect, can effectively reduce weight, replace screws, rivets, welding, while fixing and sealing.

二. 产品结构 Product structure



三. 主要用途 Main Use

✧ 可用于汽车工业，电子行业，广告行业，五金制造，建筑业。

It can be used in the automotive industry, electronic industry, advertising industry, hardware manufacturing, and construction industry.

✧ 可用于太阳能光伏行业, 电梯应用。

It can be used in the solar photovoltaic industry and elevator applications.

四. 产品特性 Product Features

➤ 具有防水, 减震, 隔音等效果

Waterproof, shock-absorbing, and soundproof

➤ 粘着力强

Strong adhesion

➤ 耐候性佳

Excellent weather resistance

➤ 剥离强度, 初粘性和剪切强度好

Good peel strength, initial viscosity, and shear strength

➤ 高低温环境都具有良好的持久性,

Both high and low temperature environments have good durability

➤ 对塑料, 金属, 木材, 纸张和有机硅等不易黏贴表面都有很好的粘合力

Has good adhesion to surfaces that are not easily adhered to, such as plastic, metal, wood, paper, and organosilicon

➤ 抗化学溶剂, 抗潮湿, 抗紫外线

Resistant to chemical solvents, moisture, and UV rays

➤ 对高低表面能材料都具有出色的粘合力

Excellent adhesion to materials with high and low surface energy

五. 典型性能 Typical performance

项 目 Test items	测试方式 Test method	单位 Unit	PLA3040
颜色 Color	目测 Visual inspection	-	黑 black

胶系 Type of glue	-	-	丙烯酸酯 Acrylate adhesive
基材 Base material	-	-	亚克力 Acrylic
总厚度 Total thickness	厚度规	mm	0.4 ± 10%
剥离强度 (钢板, 20min) (180°) Peel strength (SUS, 20min) (180°)	ASTM D-3330	N/inch	25
剥离强度 (钢板, 72h) (180°) Peel strength (SUS, 72hour) (180°)	ASTM D-3330	N/inch	40
环形初粘 Circular initial adhesion	ASTM D-6195	N/in ²	30
常温保持力 (Room temperature retention 500g)	ASTM D-3654	hour	≥ 48
长期耐温性 Long term temperature resistance	-	°C	80
短期耐温性 Short term temperature resistance	-	°C	120

六. 产品规格 Product specifications

- 1000mm*33m
- 或其他定制 available for customization

七. 储存及保质期 Storage and shelf life

建议存放在清洁干燥的地方，防止包装破损，避免与挥发性溶剂放在一起。存储温度为4 ~ 26°C，湿度为40 ~ 50%。

It is recommended to store them in a clean and dry place to prevent package damage and volatile solvents. Suggestion storage temperature is 4~26 °C, and the suggestion humidity is 40~50%.

为保持最佳性能，本品应在生产之日起6个月内使用。

To maintain the best performance, this product should be used within 6 months from the date of production.

八. 声明 Statement

上述测试结果仅为典型值，并非保证值。如果有新的认识和新的经验出现，优三会相应修改此资料，且不再另行通知。优三强烈推荐客户在使用产品前进行独立的测试，以了解产品的适用性。

The above test results are only typical values, not guaranteed values. In case of new knowledge and experience, Youсан will modify this information accordingly without further notice. Youсан strongly recommends that customers conduct independent tests to understand the applicability of the product before using the product.



产品技术说明书

Product technical specification

一. 产品描述 Product Description

PLA3050亚克力泡棉胶带是丙烯酸加强胶涂布在亚克力泡棉两面，形成泡棉复合结构，覆以离型膜或离型纸制作而成。具有粘着力强，耐候性佳的特性，对塑料，金属，木材，纸张和有机硅等不易剩贴表面都有很好的粘合力。防水，减震，隔音等，在高低温环境下具有良好的持久性，剥离强度，初粘性和剪切强度好。抗化学溶剂，抗潮湿，抗紫外线。具有极佳的填缝效果，可有效减轻重量，取代螺丝，铆钉，焊接，同时固定及密封。

PLA3050 acrylic foam tape is made by coating acrylic reinforced adhesive on both sides of acrylic foam to form a foam overlay structure, which is coated with release film or release paper. It has the characteristics of strong adhesion and good weather resistance, and has good adhesion to surfaces that are not easy to stick to, such as plastics, metals, wood, paper, and organic silicon. Waterproof, shock-absorbing, soundproof, etc., it has good durability in high and low temperature environments, with good peel strength, initial adhesion, and shear strength. Resistant to chemical solvents, moisture, and UV rays. Has excellent sealing effect, can effectively reduce weight, replace screws, rivets, welding, while fixing and sealing.

二. 产品结构 Product structure



三. 主要用途 Main Use

✧ 可用于汽车工业，电子行业，广告行业，五金制造，建筑业。

It can be used in the automotive industry, electronic industry, advertising industry, hardware manufacturing, and construction industry.

✧ 可用于太阳能光伏行业, 电梯应用。

It can be used in the solar photovoltaic industry and elevator applications.

四. 产品特性 Product Features

➤ 具有防水, 减震, 隔音等效果

Waterproof, shock-absorbing, and soundproof

➤ 粘着力强

Strong adhesion

➤ 耐候性佳

Excellent weather resistance

➤ 剥离强度, 初粘性和剪切强度好

Good peel strength, initial viscosity, and shear strength

➤ 高低温环境都具有良好的持久性,

Both high and low temperature environments have good durability

➤ 对塑料, 金属, 木材, 纸张和有机硅等不易黏贴表面都有很好的粘合力

Has good adhesion to surfaces that are not easily adhered to, such as plastic, metal, wood, paper, and organosilicon

➤ 抗化学溶剂, 抗潮湿, 抗紫外线

Resistant to chemical solvents, moisture, and UV rays

➤ 对高低表面能材料都具有出色的粘合力

Excellent adhesion to materials with high and low surface energy

五. 典型性能 Typical performance

项 目 Test items	测试方式 Test method	单位 Unit	PLA3040
颜色 Color	目测 Visual inspection	-	黑 black

胶系 Type of glue	-	-	丙烯酸酯 Acrylate adhesive
基材 Base material	-	-	亚克力 Acrylic
总厚度 Total thickness	ASTM D-3652	mm	0.5
剥离强度 (180° Peel strength)	ASTM D-3330	N/inch	45
环形初粘 Circular initial adhesion	ASTM D-6195	N/in ²	40
保持力 (Holding force)	ASTM D-3654	h	≥ 24
长期耐温性 Long term temperature resistance	-	°C	120
短期耐温性 Short term temperature resistance	-	°C	160

六. 产品规格 Product specifications

- 1000mm*33m
- 或其他定制 available for customization

七. 储存及保质期 Storage and shelf life

建议存放在清洁干燥的地方，防止包装破损，避免与挥发性溶剂放在一起。存储温度为4 ~ 26°C，湿度为40 ~ 50%。

It is recommended to store them in a clean and dry place to prevent package damage and volatile solvents. Suggestion storage temperature is 4~26 °C, and the suggestion humidity is 40~50%.

为保持最佳性能，本品应在生产之日起6个月内使用。

To maintain the best performance, this product should be used within 6 months from the date of production.



产品技术说明书

Product technical specification

一. 产品描述 Product Description

PLA3064亚克力泡棉胶带是丙烯酸加强胶涂布在亚克力泡棉两面，形成泡棉复合结构，覆以离型膜或离型纸制作而成。具有粘着力强,耐候性佳的特性,对塑料,金属,木材,纸张和有机硅等不易剩贴表面都有很好的粘合力。防水,减震,隔音等,在高低温环境下具有良好的持久性,剥离强度,初粘性和剪切强度好。抗化学溶剂,抗潮湿,抗紫外线。具有极佳的填缝效果，可有效减轻重量,取代螺丝，铆钉,焊接,同时固定及密封。

PLA3064 acrylic foam tape is made by coating acrylic reinforced adhesive on both sides of acrylic foam to form a foam overlay structure, which is coated with release film or release paper. It has the characteristics of strong adhesion and good weather resistance, and has good adhesion to surfaces that are not easy to stick to, such as plastics, metals, wood, paper, and organic silicon. Waterproof, shock-absorbing, soundproof, etc., it has good durability in high and low temperature environments, with good peel strength, initial adhesion, and shear strength. Resistant to chemical solvents, moisture, and UV rays. Has excellent sealing effect, can effectively reduce weight, replace screws, rivets, welding, while fixing and sealing.

二. 产品结构 Product structure



三. 主要用途 Main Use

✧ 可用于汽车工业, 电子行业, 广告行业, 五金制造, 建筑业。

It can be used in the automotive industry, electronic industry, advertising industry, hardware manufacturing, and construction industry.

✧ 可用于太阳能光伏行业, 电梯应用。

It can be used in the solar photovoltaic industry and elevator applications.

四. 产品特性 Product Features

➤ 具有防水, 减震, 隔音等效果

Waterproof, shock-absorbing, and soundproof

➤ 粘着力强

Strong adhesion

➤ 耐候性佳

Excellent weather resistance

➤ 剥离强度, 初粘性和剪切强度好

Good peel strength, initial viscosity, and shear strength

➤ 高低温环境都具有良好的持久性,

Both high and low temperature environments have good durability

➤ 对塑料, 金属, 木材, 纸张和有机硅等不易黏贴表面都有很好的粘合力

Has good adhesion to surfaces that are not easily adhered to, such as plastic, metal, wood, paper, and organosilicon

➤ 抗化学溶剂, 抗潮湿, 抗紫外线

Resistant to chemical solvents, moisture, and UV rays

➤ 对高低表面能材料都具有出色的粘合力

Excellent adhesion to materials with high and low surface energy

五. 典型性能 Typical performance

项 目 Test items	测试方式 Test method	单位 Unit	PLA3040
颜色 Color	目测 Visual inspection	-	黑 black

胶系 Type of glue	-	-	丙烯酸酯 Acrylate adhesive
基材 Base material	-	-	亚克力 Acrylic
总厚度 Total thickness	ASTM D-3652	mm	0.64
剥离强度 (180° Peel strength)	ASTM D-3330	N/inch	45
环形初粘 Circular initial adhesion	ASTM D-6195	N/in ²	40
保持力 (Holding force)	ASTM D-3654	h	≥ 24
长期耐温性 Long term temperature resistance	-	°C	120
短期耐温性 Short term temperature resistance	-	°C	160

六. 产品规格 Product specifications

- 1000mm*33m
- 或其他定制 available for customization

七. 储存及保质期 Storage and shelf life

建议存放在清洁干燥的地方，防止包装破损，避免与挥发性溶剂放在一起。存储温度为4 ~ 26°C，湿度为40 ~ 50%。

It is recommended to store them in a clean and dry place to prevent package damage and volatile solvents. Suggestion storage temperature is 4~26 °C, and the suggestion humidity is 40~50%.

为保持最佳性能，本品应在生产之日起6个月内使用。

To maintain the best performance, this product should be used within 6 months from the date of production.



产品技术说明书

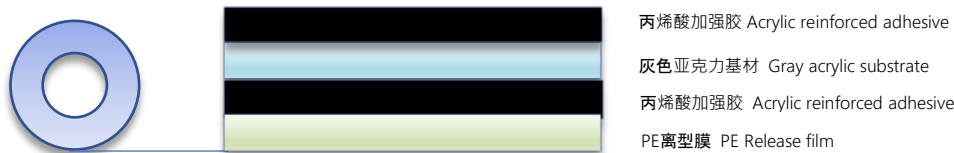
Product technical specification

一. 产品描述 Product Description

PLA3080亚克力泡棉胶带是丙烯酸加强胶涂布在亚克力泡棉两面，形成泡棉复合结构，覆以离型膜或离型纸制作而成。具有粘着力强,耐候性佳的特性,对塑料,金属,木材,纸张和有机硅等不易剩贴表面都有很好的粘合力。防水,减震,隔音等,在高低温环境下具有良好的持久性,剥离强度,初粘性和剪切强度好。抗化学溶剂,抗潮湿,抗紫外线。具有极佳的填缝效果，可有效减轻重量,取代螺丝，铆钉,焊接,同时固定及密封。

PLA3080 acrylic foam tape is made by coating acrylic reinforced adhesive on both sides of acrylic foam to form a foam overlay structure, which is coated with release film or release paper. It has the characteristics of strong adhesion and good weather resistance, and has good adhesion to surfaces that are not easy to stick to, such as plastics, metals, wood, paper, and organic silicon. Waterproof, shock-absorbing, soundproof, etc., it has good durability in high and low temperature environments, with good peel strength, initial adhesion, and shear strength. Resistant to chemical solvents, moisture, and UV rays. Has excellent sealing effect, can effectively reduce weight, replace screws, rivets, welding, while fixing and sealing.

二. 产品结构 Product structure



三. 主要用途 Main Use

✧ 可用于汽车工业, 电子行业, 广告行业, 五金制造, 建筑业。

It can be used in the automotive industry, electronic industry, advertising industry, hardware manufacturing, and construction industry.

✧ 可用于太阳能光伏行业, 电梯应用。

It can be used in the solar photovoltaic industry and elevator applications.

四. 产品特性 Product Features

➤ 具有防水, 减震, 隔音等效果

Waterproof, shock-absorbing, and soundproof

➤ 粘着力强

Strong adhesion

➤ 耐候性佳

Excellent weather resistance

➤ 剥离强度, 初粘性和剪切强度好

Good peel strength, initial viscosity, and shear strength

➤ 高低温环境都具有良好的持久性,

Both high and low temperature environments have good durability

➤ 对塑料, 金属, 木材, 纸张和有机硅等不易黏贴表面都有很好的粘合力

Has good adhesion to surfaces that are not easily adhered to, such as plastic, metal, wood, paper, and organosilicon

➤ 抗化学溶剂, 抗潮湿, 抗紫外线

Resistant to chemical solvents, moisture, and UV rays

➤ 对高低表面能材料都具有出色的粘合力

Excellent adhesion to materials with high and low surface energy

五. 典型性能 Typical performance

项 目 Test items	测试方式 Test method	单位 Unit	PLA3040
颜色 Color	目测 Visual inspection	-	黑 black

胶系 Type of glue	-	-	丙烯酸酯 Acrylate adhesive
基材 Base material	-	-	亚克力 Acrylic
总厚度 Total thickness	ASTM D-3652	mm	0.8
剥离强度 (180° Peel strength)	ASTM D-3330	N/inch	50
环形初粘 Circular initial adhesion	ASTM D-6195	N/in ²	45
保持力 (Holding force)	ASTM D-3654	h	≥ 24
长期耐温性 Long term temperature resistance	-	°C	120
短期耐温性 Short term temperature resistance	-	°C	160

六. 产品规格 Product specifications

- 1000mm*33m
- 或其他定制 available for customization

七. 储存及保质期 Storage and shelf life

建议存放在清洁干燥的地方，防止包装破损，避免与挥发性溶剂放在一起。存储温度为4 ~ 26°C，湿度为40 ~ 50%。

It is recommended to store them in a clean and dry place to prevent package damage and volatile solvents. Suggestion storage temperature is 4~26 °C, and the suggestion humidity is 40~50%.

为保持最佳性能，本品应在生产之日起6个月内使用。

To maintain the best performance, this product should be used within 6 months from the date of production.



产品技术说明书

Product technical specification

一. 产品描述 Product Description

PLA30100亚克力泡棉胶带是丙烯酸加强胶涂布在亚克力泡棉两面，形成泡棉复合结构，覆以离型膜或离型纸制作而成。具有粘着力强，耐候性佳的特性，对塑料，金属，木材，纸张和有机硅等不易剩贴表面都有很好的粘合力。防水，减震，隔音等，在高低温环境下具有良好的持久性，剥离强度，初粘性和剪切强度好。抗化学溶剂，抗潮湿，抗紫外线。具有极佳的填缝效果，可有效减轻重量，取代螺丝，铆钉，焊接，同时固定及密封。

PLA30100 acrylic foam tape is made by coating acrylic reinforced adhesive on both sides of acrylic foam to form a foam overlay structure, which is coated with release film or release paper. It has the characteristics of strong adhesion and good weather resistance, and has good adhesion to surfaces that are not easy to stick to, such as plastics, metals, wood, paper, and organic silicon. Waterproof, shock-absorbing, soundproof, etc., it has good durability in high and low temperature environments, with good peel strength, initial adhesion, and shear strength. Resistant to chemical solvents, moisture, and UV rays. Has excellent sealing effect, can effectively reduce weight, replace screws, rivets, welding, while fixing and sealing.

二. 产品结构 Product structure



三. 主要用途 Main Use

✧ 可用于汽车工业，电子行业，广告行业，五金制造，建筑行业。

It can be used in the automotive industry, electronic industry, advertising industry, hardware manufacturing, and construction industry.

✧ 可用于太阳能光伏行业, 电梯应用。

It can be used in the solar photovoltaic industry and elevator applications.

四. 产品特性 Product Features

➤ 具有防水, 减震, 隔音等效果

Waterproof, shock-absorbing, and soundproof

➤ 粘着力强

Strong adhesion

➤ 耐候性佳

Excellent weather resistance

➤ 剥离强度, 初粘性和剪切强度好

Good peel strength, initial viscosity, and shear strength

➤ 高低温环境都具有良好的持久性,

Both high and low temperature environments have good durability

➤ 对塑料, 金属, 木材, 纸张和有机硅等不易黏贴表面都有很好的粘合力

Has good adhesion to surfaces that are not easily adhered to, such as plastic, metal, wood, paper, and organosilicon

➤ 抗化学溶剂, 抗潮湿, 抗紫外线

Resistant to chemical solvents, moisture, and UV rays

➤ 对高低表面能材料都具有出色的粘合力

Excellent adhesion to materials with high and low surface energy

五. 典型性能 Typical performance

项 目 Test items	测试方式 Test method	单位 Unit	PLA3040
颜色 Color	目测 Visual inspection	-	透明 transparent

胶系 Type of glue	-	-	丙烯酸酯 Acrylate adhesive
基材 Base material	-	-	亚克力 Acrylic
总厚度 Total thickness	ASTM D-3652	mm	1.00
剥离强度 (180° Peel strength)	ASTM D-3330	N/inch	55
环形初粘 Circular initial adhesion	ASTM D-6195	N/in ²	50
保持力 (Holding force)	ASTM D-3654	h	≥ 24
长期耐温性 Long term temperature resistance	-	°C	120
短期耐温性 Short term temperature resistance	-	°C	160

六. 产品规格 Product specifications

- 1000mm*33m
- 或其他定制 available for customization

七. 储存及保质期 Storage and shelf life

建议存放在清洁干燥的地方，防止包装破损，避免与挥发性溶剂放在一起。存储温度为4 ~ 26°C，湿度为40 ~ 50%。

It is recommended to store them in a clean and dry place to prevent package damage and volatile solvents. Suggestion storage temperature is 4~26 °C, and the suggestion humidity is 40~50%.

为保持最佳性能，本品应在生产之日起6个月内使用。

To maintain the best performance, this product should be used within 6 months from the date of production.



产品技术说明书

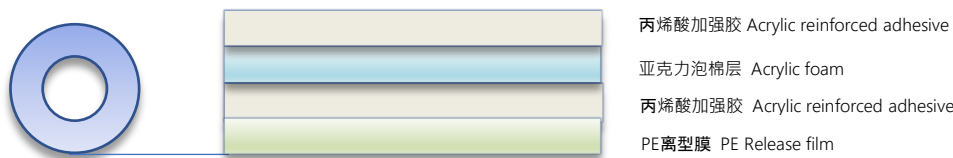
Product technical specification

一. 产品描述 Product Description

PLA30110亚克力泡棉胶带是丙烯酸加强胶涂布在亚克力泡棉两面，形成泡棉覆合结构，覆以离型膜或离型纸制作而成。其具有粘着力强、耐候性佳、对高表面能和低表面材料具有出色的粘合力、初粘性和剪切强度平衡性好、抗化学溶剂、抗潮湿、抗紫外线等特性。

PLA30110 acrylic foam adhesive tape is made by painting acrylic reinforced adhesive on both sides of gray acrylic foam, forming a foam lamination structure, covered with release film or release paper. It has strong adhesion, good weather resistance, excellent adhesion to high surface energy and low surface materials, good balance between initial adhesion and shear strength, resistance to chemical solvents, moisture resistance, UV resistance, and other characteristics.

二. 产品结构 Product structure



三. 主要用途 Main Use

✧ 可用于汽车工业, 电子行业, 广告行业, 五金制造, 建筑业。

It can be used in the automotive industry, electronic industry, advertising industry, hardware manufacturing, and construction industry.

✧ 可用于太阳能光伏行业, 电梯应用。

It can be used in the solar photovoltaic industry and elevator applications.

四. 产品特性 Product Features

➤ 具有防水, 减震, 隔音等效果

Waterproof, shock-absorbing, and soundproof

➤ 粘着力强

Strong adhesion

➤ 耐候性佳

Excellent weather resistance

➤ 剥离强度, 初粘性和剪切强度好

Good peel strength, initial viscosity, and shear strength

➤ 高低温环境都具有良好的持久性,

Both high and low temperature environments have good durability

➤ 对塑料, 金属, 木材, 纸张和有机硅等不易黏贴表面都有很好的粘合力

Has good adhesion to surfaces that are not easily adhered to, such as plastic, metal, wood, paper, and organosilicon

➤ 抗化学溶剂, 抗潮湿, 抗紫外线

Resistant to chemical solvents, moisture, and UV rays

➤ 对高低表面能材料都具有出色的粘合力

Excellent adhesion to materials with high and low surface energy

五. 典型性能 Typical performance

项 目 Test items	测试方式 Test method	单位 Unit	PLA30110
颜色 Color	目测 Visual inspection	-	透明 transparent
胶系 Type of glue	-	-	丙烯酸酯 Acrylate adhesive
基材 Base material	-	-	亚克力泡棉 Acrylic foam tape
总厚度 Total thickness	厚度规	mm	1.10 ± 10%
剥离强度 (钢板, 20min) (180°) Peel strength (SUS, 20min) (180°)	ASTM D-3330	N/inch	27

剥离强度 (钢板, 72h) (180°) Peel strength (SUS, 72hour) (180°)	ASTM D-3330	N/inch	45
环形初粘 Circular initial adhesion	ASTM D-6195	N/in ²	35
动态剪切强度 (20min Dynamic shear strength)	ASTM D-1002	kg.f/in ²	≥ 40
动态剪切强度 (72h Dynamic shear strength)	ASTM D-1002	kg.f/in ²	≥ 65
80℃保持力 (Room temperature retention 500g)	ASTM D-3654	hour	≥ 24
伸长率 (Elongation)	ASTM D-3759	%	≥ 800
长期耐温性 Long term temperature resistance	-	°C	80
短期耐温性 Short term temperature resistance	-	°C	120

六. 产品规格 Product specifications

- 1000mm*33m
- 或其他定制 available for customization

七. 储存及保质期 Storage and shelf life

建议存放在清洁干燥的地方，防止包装破损，避免与挥发性溶剂放在一起。存储温度为4 ~ 26℃，湿度为40 ~ 50%。

It is recommended to store them in a clean and dry place to prevent package damage and volatile solvents. Suggestion storage temperature is 4~26 °C, and the suggestion humidity is 40~50%.

为保持最佳性能，本品应在生产之日起6个月内使用。

To maintain the best performance, this product should be used within 6 months from the date of production.

八. 声明 Statement

上述测试结果仅为典型值，并非保证值。如果有新的认识和新的经验出现，优三会相应修改此资料，且不再另行通知。优三强烈推荐客户在使用产品前进行独立的测试，以了解产品的适用性。

The above test results are only typical values, not guaranteed values. In case of new knowledge and experience, Youсан will modify this information accordingly without further notice. Youсан strongly recommends that customers conduct independent tests to understand the applicability of the product before using the product.



产品技术说明书

Product technical specification

一. 产品描述 Product Description

PLA30120亚克力泡棉胶带是丙烯酸加强胶涂布在亚克力泡棉两面，形成泡棉覆合结构，覆以离型膜或离型纸制作而成。其具有粘着力强、耐候性佳、对高表面能和低表面材料具有出色的粘合力、初粘性和剪切强度平衡性好、抗化学溶剂、抗潮湿、抗紫外线等特性。

PLA30120 acrylic foam adhesive tape is made by painting acrylic reinforced adhesive on both sides of gray acrylic foam, forming a foam lamination structure, covered with release film or release paper. It has strong adhesion, good weather resistance, excellent adhesion to high surface energy and low surface materials, good balance between initial adhesion and shear strength, resistance to chemical solvents, moisture resistance, UV resistance, and other characteristics.

二. 产品结构 Product structure



丙烯酸加强胶 Acrylic reinforced adhesive

亚克力泡棉层 Acrylic foam

丙烯酸加强胶 Acrylic reinforced adhesive

PE离型膜 PE Release film

三. 主要用途 Main Use

✧ 可用于汽车工业，电子行业，广告行业，五金制造，建筑行业。

It can be used in the automotive industry, electronic industry, advertising industry, hardware manufacturing, and construction industry.

✧ 可用于太阳能光伏行业，电梯应用。

It can be used in the solar photovoltaic industry and elevator applications.

四. 产品特性 Product Features

➤ 具有防水, 减震, 隔音等效果

Waterproof, shock-absorbing, and soundproof

➤ 粘着力强

Strong adhesion

➤ 耐候性佳

Excellent weather resistance

➤ 剥离强度, 初粘性和剪切强度高

Good peel strength, initial viscosity, and shear strength

➤ 高低温环境都具有良好的持久性,

Both high and low temperature environments have good durability

➤ 对塑料, 金属, 木材, 纸张和有机硅等不易黏贴表面都有很好的粘合力

Has good adhesion to surfaces that are not easily adhered to, such as plastic, metal, wood, paper, and organosilicon

➤ 抗化学溶剂, 抗潮湿, 抗紫外线

Resistant to chemical solvents, moisture, and UV rays

➤ 对高低表面能材料都具有出色的粘合力

Excellent adhesion to materials with high and low surface energy

五. 典型性能 Typical performance

项 目 Test items	测试方式 Test method	单位 Unit	PLA30120
颜色 Color	目测 Visual inspection	-	灰黑 gray black
胶系 Type of glue	-	-	丙烯酸酯 Acrylate adhesive
基材 Base material	-	-	亚克力泡棉 Acrylic foam tape
总厚度 Total thickness	厚度规	mm	1.20 ± 10%
剥离强度 (钢板, 20min) (180°) Peel strength (SUS, 20min) (180°)	ASTM D-3330	N/inch	27

剥离强度 (钢板, 72h) (180°) Peel strength (SUS, 72hour) (180°)	ASTM D-3330	N/inch	45
环形初粘 Circular initial adhesion	ASTM D-6195	N/in ²	35
动态剪切强度 (20min Dynamic shear strength)	ASTM D-1002	kg.f/in ²	≥ 40
动态剪切强度 (72h Dynamic shear strength)	ASTM D-1002	kg.f/in ²	≥ 65
80℃保持力 (Room temperature retention 500g)	ASTM D-3654	hour	≥ 24
伸长率 (Elongation)	ASTM D-3759	%	≥ 800
长期耐温性 Long term temperature resistance	-	°C	80
短期耐温性 Short term temperature resistance	-	°C	120

六. 产品规格 Product specifications

- 1000mm*33m
- 或其他定制 available for customization

七. 储存及保质期 Storage and shelf life

建议存放在清洁干燥的地方，防止包装破损，避免与挥发性溶剂放在一起。存储温度为4 ~ 26℃，湿度为40 ~ 50%。

It is recommended to store them in a clean and dry place to prevent package damage and volatile solvents. Suggestion storage temperature is 4~26 °C, and the suggestion humidity is 40~50%.

为保持最佳性能，本品应在生产之日起6个月内使用。

To maintain the best performance, this product should be used within 6 months from the date of production.

八. 声明 Statement

上述测试结果仅为典型值，并非保证值。如果有新的认识和新的经验出现，优三会相应修改此资料，且不再另行通知。优三强烈推荐客户在使用产品前进行独立的测试，以了解产品的适用性。

The above test results are only typical values, not guaranteed values. In case of new knowledge and experience, Youсан will modify this information accordingly without further notice. Youсан strongly recommends that customers conduct independent tests to understand the applicability of the product before using the product.



产品技术说明书

Product technical specification

一. 产品描述 Product Description

PLA30150亚克力泡棉胶带是丙烯酸加强胶涂布在亚克力泡棉两面，形成泡棉复合结构，覆以离型膜或离型纸制作而成。具有粘着力强，耐候性佳的特性，对塑料，金属，木材，纸张和有机硅等不易剩贴表面都有很好的粘合力。防水，减震，隔音等，在高低温环境下具有良好的持久性，剥离强度，初粘性和剪切强度好。抗化学溶剂，抗潮湿，抗紫外线。具有极佳的填缝效果，可有效减轻重量，取代螺丝，铆钉，焊接，同时固定及密封。

PLA30150 acrylic foam tape is made by coating acrylic reinforced adhesive on both sides of acrylic foam to form a foam overlay structure, which is coated with release film or release paper. It has the characteristics of strong adhesion and good weather resistance, and has good adhesion to surfaces that are not easy to stick to, such as plastics, metals, wood, paper, and organic silicon. Waterproof, shock-absorbing, soundproof, etc., it has good durability in high and low temperature environments, with good peel strength, initial adhesion, and shear strength. Resistant to chemical solvents, moisture, and UV rays. Has excellent sealing effect, can effectively reduce weight, replace screws, rivets, welding, while fixing and sealing.

二. 产品结构 Product structure



三. 主要用途 Main Use

✧ 可用于汽车工业，电子行业，广告行业，五金制造，建筑业。

It can be used in the automotive industry, electronic industry, advertising industry, hardware manufacturing, and construction industry.

✧ 可用于太阳能光伏行业, 电梯应用。

It can be used in the solar photovoltaic industry and elevator applications.

四. 产品特性 Product Features

➤ 具有防水, 减震, 隔音等效果

Waterproof, shock-absorbing, and soundproof

➤ 粘着力强

Strong adhesion

➤ 耐候性佳

Excellent weather resistance

➤ 剥离强度, 初粘性和剪切强度好

Good peel strength, initial viscosity, and shear strength

➤ 高低温环境都具有良好的持久性,

Both high and low temperature environments have good durability

➤ 对塑料, 金属, 木材, 纸张和有机硅等不易黏贴表面都有很好的粘合力

Has good adhesion to surfaces that are not easily adhered to, such as plastic, metal, wood, paper, and organosilicon

➤ 抗化学溶剂, 抗潮湿, 抗紫外线

Resistant to chemical solvents, moisture, and UV rays

➤ 对高低表面能材料都具有出色的粘合力

Excellent adhesion to materials with high and low surface energy

五. 典型性能 Typical performance

项 目 Test items	测试方式 Test method	单位 Unit	PLA3040
颜色 Color	目测 Visual inspection	-	灰、黑 Gray, Black

胶系 Type of glue	-	-	丙烯酸酯 Acrylate adhesive
基材 Base material	-	-	亚克力 Acrylic
总厚度 Total thickness	ASTM D-3652	mm	1.50
剥离强度 (180° Peel strength)	ASTM D-3330	N/inch	60
环形初粘 Circular initial adhesion	ASTM D-6195	N/in ²	55
保持力 (Holding force)	ASTM D-3654	h	≥ 24
长期耐温性 Long term temperature resistance	-	°C	120
短期耐温性 Short term temperature resistance	-	°C	160

六. 产品规格 Product specifications

- 1000mm*33m
- 或其他定制 available for customization

七. 储存及保质期 Storage and shelf life

建议存放在清洁干燥的地方，防止包装破损，避免与挥发性溶剂放在一起。存储温度为4 ~ 26°C，湿度为40 ~ 50%。

It is recommended to store them in a clean and dry place to prevent package damage and volatile solvents. Suggestion storage temperature is 4~26 °C, and the suggestion humidity is 40~50%.

为保持最佳性能，本品应在生产之日起6个月内使用。

To maintain the best performance, this product should be used within 6 months from the date of production.