



# CHUKOH FLO™ ADHESIVE TAPES



Hi-quality&Performance

Reliability and Experience

# CHUKOH FLO™ Adhesive Tape

CHUKOH FLO™ Adhesive Tape is the tradename of Chukoh Chemical Industries for a wide range of High Performance Pressure Sensitive Tape products.

The non-stick, low-friction surface combined with high heat resistance, strong electrical insulation properties and the ability to resist most chemicals permits their use in lining, electrical insulation, heat sealing and chemical environment applications.

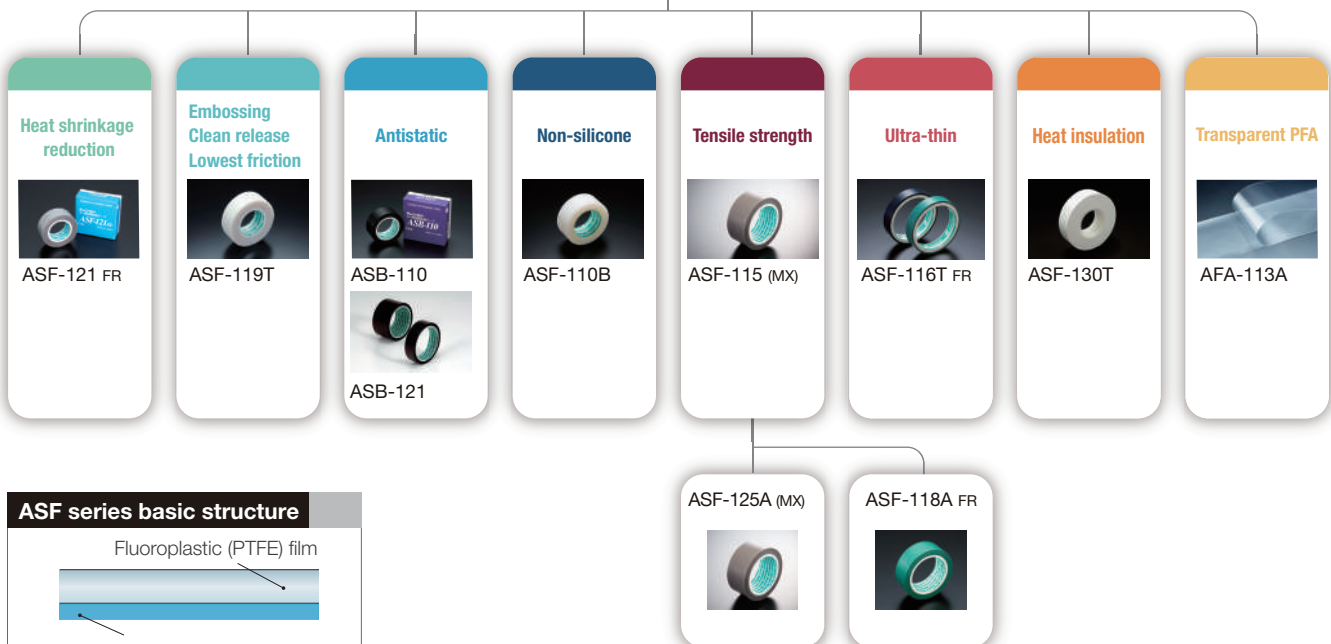
## Product type

### Diverse lineup to meet on-site challenges

#### ASF series

Fluoroplastic film adhesive tapes

Listed on pages 1 to 4



#### ASF series basic structure

Fluoroplastic (PTFE) film

Silicone or acrylic adhesive

# Product Feature

## The five distinctive characteristics meet all needs.

Fluoroplastic adhesive tapes we manufacture have a variety of properties, as shown on the right. We offer the most valuable products to our customers, such as “products with particularly excellent non-adhesivity” and “products with particularly excellent insulation,” from our abundant lineup to meet diverse needs of our customers.




**Non-stick property**  
Has the property of not sticking to any substance




**Lowest friction**  
Has the lowest coefficient of dynamic friction among all solids



**Heat resistance**  
Has top-class heat and cold resistance among plastics



**Insulation**  
Has the highest level of electrical insulation among plastics



**Chemical resistance**  
Has a stable molecular structure and is inert to most chemicals

## AGF series

### Fluoroplastic glass cloth adhesive tapes

Listed on pages 5 to 8



**Wide**



AGF-400 · 500

**Heat resistance**



AGF-100A  
AGF-100T

**Antistatic**



AGB-100



AGB-500 series

**Wear resistance  
Clean release  
Lowest friction**



AGF-101

**Centerless**



AGF-102

**Clean release**



AGF-103T

**Colored type  
Add distinguishability**



AGF-100 BLUE



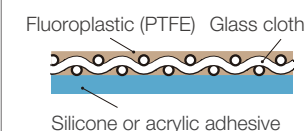
AGF-100 FR ORANGE

**Air-permeable**



AGB-207-6-1

### AGF series basic structure





# ASF-110 FR

## Soft white fluoroplastics adhesive tape.

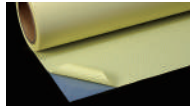
Conformable to UL 510  
(File No.E105318)



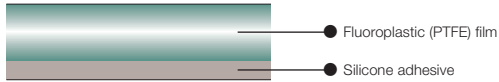
This tape consists of silicone adhesive applied to a base material made of fluoroplastic (PTFE) film. This tape features many of the characteristics of fluoroplastics and offers excellent flexibility and surface smoothness.

It comes in a clean white color, the original color of PTFE.

\* Also available with separator.



### Structure



### Typical dimension

Product code	Total thickness mm (mil)	Standard width mm (in)	Maximum width mm (in)	Length m (yd)
ASF-110 FR	0.08 (3.2)	10, 13, 19, 25, 30, 38, 50, 100, 150, 200, 250, 300 (0.4, 1/2, 3/4, 1, 1 <sup>3</sup> /16, 1 <sup>1</sup> /2, 2, 4, 6, 8, 10, 12)	420 (16 <sup>1</sup> /2)	10 (11)
	0.13 (5.1)	13, 19, 25, 30, 38, 50, 100, 150, 200, 250, 300 (1/2, 3/4, 1, 1 <sup>3</sup> /16, 1 <sup>1</sup> /2, 2, 4, 6, 8, 10, 12)		
	0.18 (7.1)			
	0.23 (9.1)			
				5 (5 <sup>1</sup> /2)

\* Tapes can be slit to widths not shown above up to the maximum width.

### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ASF-110 FR	0.08 (3.2)	70 (16)	180	7 (25)	10	200 (390)
	0.13 (5.1)	160 (36)		8 (29)	15	
	0.18 (7.1)	250 (56)		9 (32)	18	
	0.23 (9.1)	340 (76)		10 (36)	21	

\* Values shown in this table represent measurements and do not constitute guaranteed values.

### Main applications

- Insulating spacers, and insulation covering for wire connections.
- For cable bundling, etc.
- Enhance slippage in chutes and hoppers.
- Covering for pressure-bonded heat seals.
- Anti-chemical masking.
- Prevent wear of sliding parts.
- Prevent scratches and enhance slippage on bottle and can conveyor lines.

# ASF-121 FR

## Less prone to peeling even under high-temperature conditions.

Conformable to UL 510  
(File No.E105318)

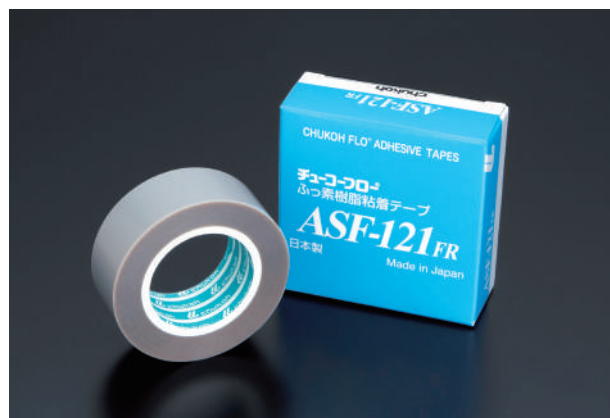
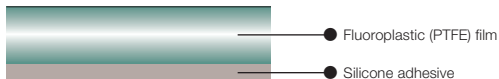


This tape consists of silicone adhesive applied to a base material made of fluoroplastic (PTFE) film. It has a gray color as it is made using a different surface treatment from ASF-110FR.

This tape is less prone to peeling under high-temperature conditions thanks to its low level of heat-induced shrinkage.

\* Products with hand-cutting property are also available.

### Structure



### Typical dimension

Product code	Total thickness mm (mil)	Standard width mm (in)	Maximum width mm (in)	Length m (yd)
ASF-121 FR	0.08 (3.2)	10, 13, 19, 25, 30, 38, 50 (0.4, 1/2, 3/4, 1, 1 <sup>3</sup> /16, 1 <sup>1</sup> /2, 2)	350 (13)	10 (11)
	0.13 (5.1)	13, 19, 25, 30, 38, 50 (1/2, 3/4, 1, 1 <sup>3</sup> /16, 1 <sup>1</sup> /2, 2)	420 (16 <sup>1</sup> /2)	
	0.18 (7.1)			
	0.23 (9.1)			

\* Tapes can be slit to widths not shown above up to the maximum width.

### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ASF-121 FR	0.08 (3.2)	90 (20)	150	7 (25)	9	200 (390)
	0.13 (5.1)	160 (36)	220	9 (32)	13	
	0.18 (7.1)	250 (56)		10 (36)	16	
	0.23 (9.1)	300 (67)		10 (36)	18	

\* Values shown in this table represent measurements and do not constitute guaranteed values.

### Main applications

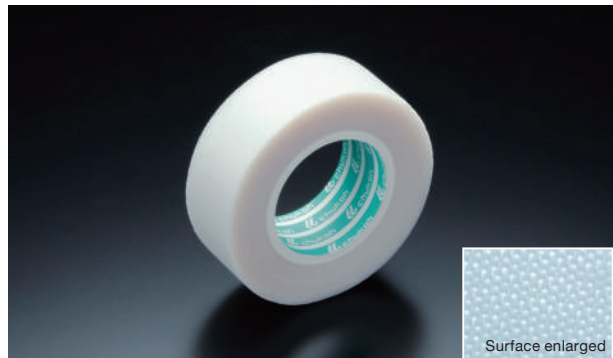
- Clean release in heat sealers, fusion cutters, and vacuum packagers.
- High-temperature electrical insulation covering.
- Masking and slippage enhancement in hot chemical atmospheres.

# ASF-119T

## Surface embossing improves lowest friction and clean release.

This tape consists of silicone adhesive applied to a base material made of fluoroplastic (PTFE) film with an embossed surface.

This tape provides 30% better lowest friction than ASF-110FR and enables better clean release.



■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ASF-119T	0.35 (13.7)	25, 50 (1, 2)	350 (13)	10 (11)

\* Tapes can be slit to widths not shown above up to the maximum width.

■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ASF-119T	0.35 (13.7)	—	—	8 (29)	12	200 (390)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

Main applications

- Enhance slippage and prevent scratches to transported objects.
- Prevent sticky substances such as unvulcanized rubber from sticking.

# ASB-110·121

## Antistatic type.

This tape consists of silicone adhesive applied to a base material made of fluoroplastic (PTFE) film containing conductive carbon. It provides the characteristics of fluoroplastics with additional antistatic properties.



■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ASB-110	0.13 (5.1)	13, 25, 38, 50 (1/2, 1, 1 1/2, 2)	450 (18)	10 (11)
ASB-121	0.08 (3.2)	13, 25, 50 (1/2, 1, 2)	350 (13)	

\* Tapes can be slit to widths not shown above up to the maximum width.

■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Surface resistivity (Ω)	Maximum service temperature °C (°F)
ASB-110	0.13 (5.1)	70 (16)	340	8 (29)	2.6 × 10 <sup>5</sup>	200 (390)
ASB-121	0.08 (3.2)	70 (16)	130	6 (21)		

\* Values shown in this table represent measurements and do not constitute guaranteed values.

Main applications

- Clean release in heat sealers, fusion cutters, and vacuum packagers.
- Improve sliding in areas where static build up must be minimized such as on film transport rolls.
- Mask over complex shapes.

# ASF-110B

## Fluoroplastic adhesive tape coated with acrylic adhesive

This tape consists of acrylic adhesive applied to a base material made of fluoroplastic (PTFE) film. This product can be used in applications where silicone is not suitable.



■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ASF-110B	0.13 (5.1)	25 (1)	350 (14)	10 (11)

\* Tapes can be slit to widths not shown above up to the maximum width.

■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ASF-110B	0.13 (5.1)	160 (36)	180	9 (32)	15	80 (176)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

Main applications

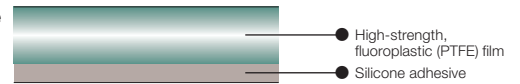
- Slippage enhancement, masking and insulation covering in a place where silicone is not suitable

## ASF-115 (MX)

Provide both tensile strength and smoothness.

This tape consists of silicone adhesive applied to a base material made of fluoroplastic (PTFE) film with excellent strength and low stretch.

### Structure



### Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ASF-115 (MX)	0.1 (3.9)	38, 50 (1 1/2, 2)	250 (10)	33 (36)

\* Tapes can be slit to widths not shown above up to the maximum width.

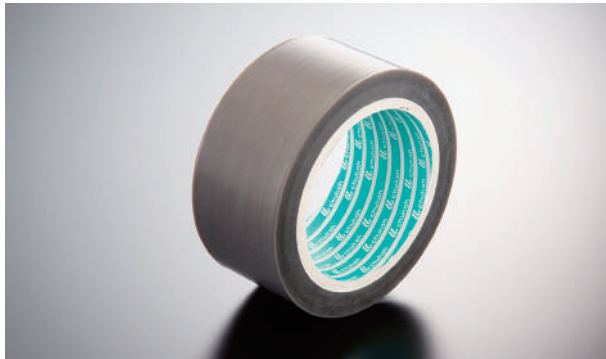
### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ASF-115 (MX)	0.1 (3.9)	135 (30)	40	7 (25)	11	200 (390)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

### Main applications

- Roll masking and belt for protecting and preventing material from sticking to polyethylene laminator rolls.
- Other applications that require low stretchability.

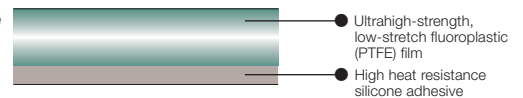


## ASF-125A (MX)

Extra strong and excellent shape retention for better workability.

This tape consists of silicone adhesive applied to a base material made of fluoroplastic (PTFE) film with excellent strength and low stretch. This tape delivers even better tensile strength than that of ASF-115 (MX).

### Structure



### Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ASF-125A (MX)	0.1 (3.9)	38, 50 (1 1/2, 2)	250 (10)	33 (36)

\* Tapes can be slit to widths not shown above up to the maximum width.

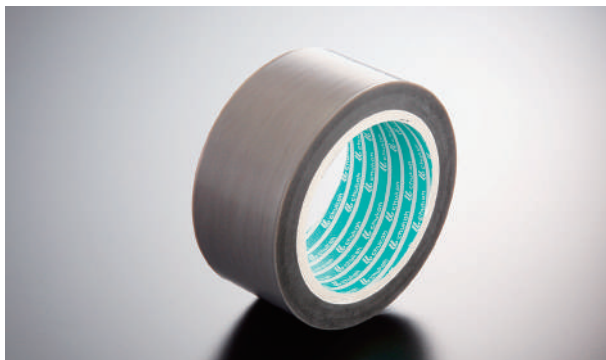
### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ASF-125A (MX)	0.1 (3.9)	250 (56)	60	6 (21)	12	250 (480)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

### Main applications

- Roll masking and belt for protecting and preventing material from sticking to polyethylene laminator rolls.
- Other applications that require low stretchability.



## ASF-118A FR

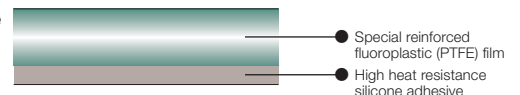
Better tensile strength than ASF-115 (MX).

Conformable to UL 510  
(File No. E105318)



This tape consists of green-dyed silicone adhesive applied to a base material made of special reinforced fluoroplastic (PTFE) film. This tape delivers even better tensile strength than that of ASF-115 (MX).

### Structure



### Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ASF-118A FR	0.1 (3.9)	34, 38, 50 (1 23/64, 1 1/2, 2)	80 (3 3/16)	33 (36)

\* Tapes can be slit to widths not shown above up to the maximum width.

### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ASF-118A FR	0.1 (3.9)	220 (49)	70	7 (25)	10	250 (480)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

### Main applications

- Roll masking and belt for protecting and preventing material from sticking to polyethylene laminator rolls.
- Other applications that require low stretchability.



# ASF-116T<sup>FR</sup>

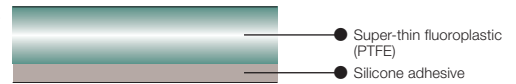
Super-thin tape is optimal for bundling and marking applications.

Conformable to UL 510  
(File No.E105318)



This tape consists of silicone adhesive applied to a base material made of super-thin reinforced fluoroplastic (PTFE) film. The adhesive has been dyed green and black for easier identification.

■ Structure



■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ASF-116T FR	0.04 (1.6)	5, 10, 20 (0.2, 0.4, 0.8)	40 (1 1/2)	5 (5 1/2)

■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ASF-116T FR	0.04 (1.6)	40 (9)	110	3 (11)	5	200 (390)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

Main applications

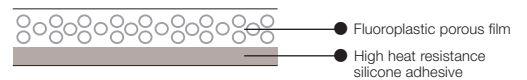
- Wire and cable bundling.
- Insulating spacers, and insulation covering.

# ASF-130T

The pores give heat insulation and cushioning capabilities.

This tape consists of silicone adhesive applied to a base material made of fluoroplastic porous film (ePTFE). Its pores achieve excellent heat insulation and cushioning capabilities.

■ Structure



■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ASF-130T	1.0 (39.4)	25 (1)	100 (4)	4 (4 3/8)

\* Tapes can be slit to widths not shown above up to the maximum width.

■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ASF-130T	1.0 (39.4)	245 (55)	45	10 (36)	—	250 (480)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

Main applications

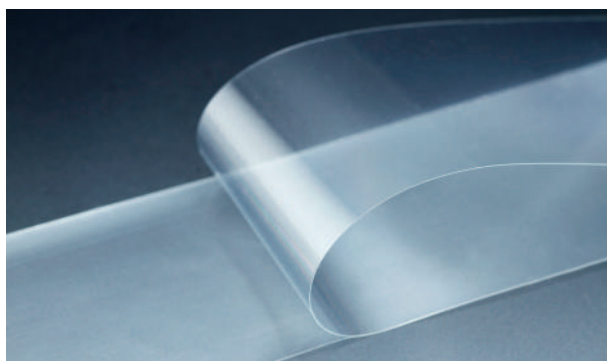
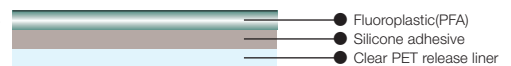
- Heat insulating materials in a clean room.
- Perimeter protection in BGA reworking.
- Shielding of the parts requiring cushioning or sliding.

# AFA-113A

Transparent PFA film adhesive tape.

This tape consists of silicone adhesive applied to a base material made of fluoroplastic (PFA) film, and offers excellent transparency in addition to the many characteristics of fluoroplastics.

■ Structure



■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AFA-113A	0.1 (3.9)	50 (2)	300 (12)	10 (11)

\* Tapes can be slit to widths not shown above up to the maximum width.

■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Transmittance (%)	Maximum service temperature °C (°F)
AFA-113A	0.1 (3.9)	50 (11)	400	6 (21)	10	94	200 (390)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

Main applications

- Protection of label where visibility is required.
- Insulation applications of electrical equipment.

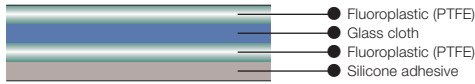


## AGF-100 FR

Standard product of  
heat sealing applications.Conformable to UL 510  
(File No.E105318)

This tape consists of silicone adhesive applied to a base material made of fluoroplastic (PTFE)-impregnated glass cloth. As such, this tape offers the many characteristics of fluoroplastics while delivering excellent dimensional stability. The surface of the tape has embossings that derive from the glass cloth.

## ■ Structure



Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Chukoh Chemical Industries, LTD

## ■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGF-100 FR	0.13 (5.1)	10, 13, 19, 25, 30, 38, 50, 75, 100, 150, 200, 250, 300 (0.4, 1/2, 3/4, 1, 6/5, 1 1/2, 2, 3, 4, 6, 8, 10, 12)	560 (22)	10 (11)
	0.15 (5.9)	10, 13, 19, 25, 30, 38, 50, 100, 150, 200, 250, 300 (0.4, 1/2, 3/4, 1, 6/5, 1 1/2, 2, 4, 6, 8, 10, 12)		
	0.18 (7.1)	13, 19, 25, 50 (1/2, 3/4, 1, 2)	450 (18)	
	0.30 (11.9)			

\* Tapes can be slit to widths not shown above up to the maximum width.

## ■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AGF-100 FR	0.13 (5.1)	360 (81)	—	9 (32)	6	200 (390)
	0.15 (5.9)	530 (119)		11 (39)	6	
	0.18 (7.1)	860 (193)		13 (46)	6	
	0.30 (11.9)	1220 (274)		14 (50)	6	

\* Values shown in this table represent measurements and do not constitute guaranteed values.

## Main applications

- Clean release in heat sealers, and vacuum packagers.
- Clean release in press processes such as resin molding.
- Electrical insulation covering
- Covering for other areas that require non-adhesivity and slipping.

## AGF-400-500

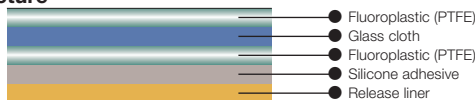
## Wide tape with release liner.

This tape consists of silicone adhesive applied to a base material made of fluoroplastic (PTFE)-impregnated glass cloth. It comes with a separator and supports widths up to 1000mm.

Users can peel it little by little to work with it. It is suited for large rolls and wide lining treatments.

\* Tapes can be cut and slit to suit your specific needs.

## ■ Structure



## ■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGF-400-3	0.12 (4.7)	1000 (40)	1000 (40)	1~ (1.1~)
AGF-500-3	0.13 (5.1)			
AGF-500-4	0.15 (5.9)			
AGF-400-6	0.17 (6.7)			
AGF-500-6	0.18 (7.1)			
AGF-400-10	0.29 (11.5)			
AGF-500-10	0.30 (11.9)			

\* Tapes can be slit to widths not shown above up to the maximum width. \* It can be ordered even from 1m of length.

## ■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AGF400-3	0.12 (4.7)	400 (90)	—	10 (36)	5	200 (390)
AGF500-3	0.13 (5.1)	400 (90)		11 (39)		
AGF500-4	0.15 (5.9)	600 (135)		12 (43)		
AGF400-6	0.17 (6.7)	730 (164)		13 (46)		
AGF500-6	0.18 (7.1)	730 (164)		13 (46)		
AGF400-10	0.29 (11.5)	1200 (270)		14 (50)		
AGF500-10	0.30 (11.9)	1200 (270)		14 (50)		

\* Values shown in this table represent measurements and do not constitute guaranteed values.

## Main applications

- Dry roll lining on non-woven fabrics and paper.
- Lining on sliding surfaces of chutes and hoppers.
- Applications where wide tapes are desired.

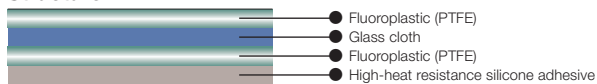



# AGF-100A

## Product with heat resistance improved over AGF-100FR.

Based on the AGF-100FR, the heat resistance of this product has been improved to up to 250°C+. It offers exceptionally good holding strength. (less displacement in the lateral direction)

### Structure



 Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Chukoh Chemical Industries, LTD

### Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGF-100A	0.13 (5.1)	13, 19, 25, 38, 50, 100 (1/2, 3/4, 1, 1 1/2, 2, 4)	560 (22)	10 (11)
	0.15 (5.9)	13, 19, 25, 38, 50 (1/2, 3/4, 1, 1 1/2, 2)		
	0.18 (7.1)		450 (18)	
	0.30 (11.9)			

\* Tapes can be slit to widths not shown above up to the maximum width.

### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AGF-100A	0.13 (5.1)	360 (81)	—	10 (36)	6	250 (480)
	0.15 (5.9)	530 (119)		10 (36)	6	
	0.18 (7.1)	860 (193)		11 (39)	6	
	0.30 (11.9)	1220 (274)		12 (43)	6	

\* Values shown in this table represent measurements and do not constitute guaranteed values.

### Main applications

- Clean release in heat sealers, and vacuum packagers.
- Clean release in press processes such as resin molding.
- Electrical insulation covering
- Covering for other areas that require non-adhesivity and slipping.


# AGF-100T

## Less prone to peeling under high-temperature conditions, with excellent tack strength

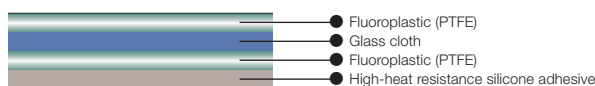
Based on the AGF-100FR, the hot adhesion capability has been improved.

This tape is less prone to peeling under high-temperature conditions, and especially delivers excellent adhesion.



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### Structure



### Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGF-100T	0.13 (5.1)	25, 30, 38, 50, 60 (1, 1 1/8, 1 1/2, 2, 2 2/5)	450 (18)	10 (11)

\* Tapes can be slit to widths not shown above up to the maximum width.

### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AGF-100T	0.13 (5.1)	380 (85)	—	11 (39)	6	250 (480)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

### Main applications

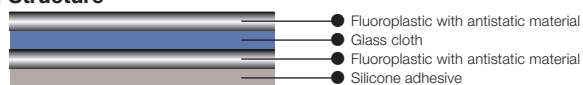
- Clean release in heat sealers, and vacuum packagers.
- Heat sealing under high-temperature conditions.
- Clean release on complex-shaped surface of heat sealing.

# AGB-100-500

## Antistatic type.

This tape consists of silicone adhesive applied to a base material made of fluoroplastic (PTFE)-impregnated glass cloth containing conductive carbon. It provides the heat resistance, slipping characteristics, non-stick, and chemical resistance of fluoroplastics along with antistatic performance. Also available with wide separator. (AGB-500 series)

### Structure



### Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGB-100	0.13 (5.1)	13, 25, 38, 50 (1/2, 1, 1 1/2, 2)	450 (18)	10 (11)
	0.18 (7.1)	13, 25, 50, 100 (1/2, 1, 2, 4)		
AGB-500-3	0.13 (5.1)	1000 (40)	1000 (40)	
AGB-500-6	0.18 (7.1)			

\* Tapes can be slit to widths not shown above up to the maximum width.

### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Surface resistivity (Ω)	Maximum service temperature °C (°F)
AGB-100	0.13 (5.1)	400 (90)	—	11 (39)	Less than 10 <sup>8</sup>	200 (390)
	0.18 (7.1)	730 (164)		13 (46)		
AGB-500-3	0.13 (5.1)	400 (90)		11 (39)		
AGB-500-6	0.18 (7.1)	730 (164)		13 (46)		

\* Values shown in this table represent measurements and do not constitute guaranteed values.

### Main applications

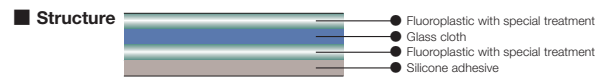
- Clean release in heat sealers, fusion cutters, and vacuum packagers.
- Improve sliding in areas where static build up must be minimized such as on film transport rolls, electronic components, and device manufacturing processes.

## AGF-101

Deep embossing on the surface of the glass cloth give it better clean release characteristics, lowest friction, and wear resistance.

It provides about double to triple the die detachment characteristics of AGF-100FR and a 10-20% improvement in lowest friction.

The 0.24mm thick tape offers better wear resistance as well and its service life as a heat seal is more than 4 times longer than that of AGF-100FR. (compared to Chukoh Chemical Industries products)



### Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGF-101	0.16 (6.3)	25, 30, 50, 60 (1, 3/8, 2, 1 1/2)	100 (4)	10 (11)
	0.24 (9.4)		450 (18)	

\* Tapes can be slit to widths not shown above up to the maximum width.

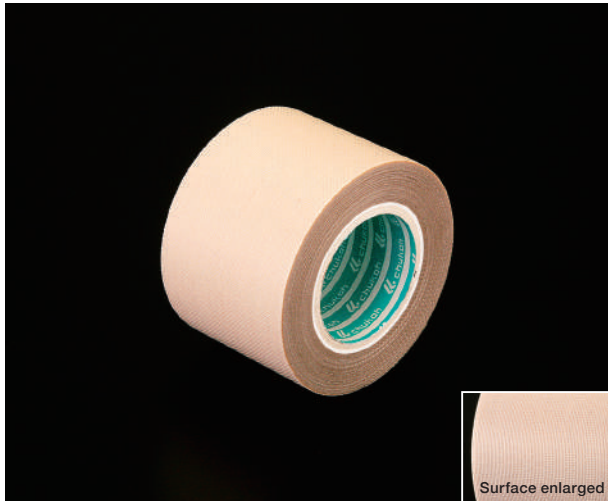
### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AGF-101	0.16 (6.3)	540 (121)	—	11 (39)	8	200 (390)
	0.24 (9.4)	1000 (225)		13 (46)		

\* Values shown in this table represent measurements and do not constitute guaranteed values.

### Main applications

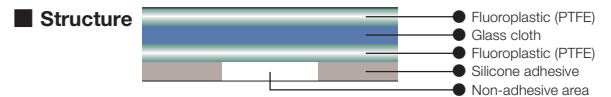
- Clean release for bags such as zipped, standard, and standing pouches.
- Pressing plate detachment for cotton, unwoven fabrics, and other materials.
- Applications where slipping properties, detaching properties, Surface enlarged and wear resistance are required, and a tape more effective than other AGF series tapes is desired.



## AGF-102

### Zone Tapes.

This is a fluoroplastic adhesive tape that is essentially the same as AGF-100FR except that its center area has been left adhesive-free. Because no adhesive (green) makes contact with the heater, it helps to maintain the heater clean and extend the service life of the heater and the tape.



### Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGF-102	0.13 (5.1)	38 (1 1/2), 50 (2) / Non-adhesive area: 20 (0.9)	50 (2)	10 (11)

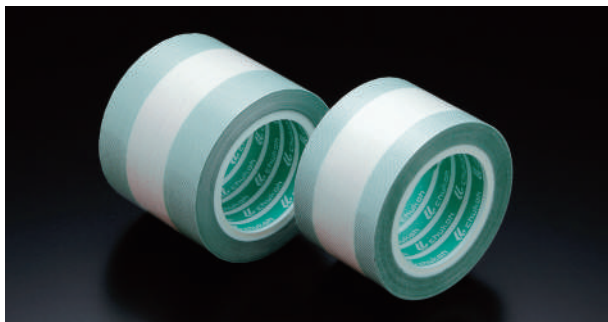
### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AGF-102	0.13 (5.1)	380 (15)	—	9 (32)	—	200 (390) (Adhesive part)

\* Values shown in this table represent measurements and do not constitute guaranteed values. \* The adhesive force represents that of the areas with adhesive. \* The maximum service temperature of the base material is 260°C. \* The total thickness is the total thickness of the area where adhesive is applied.

### Main applications

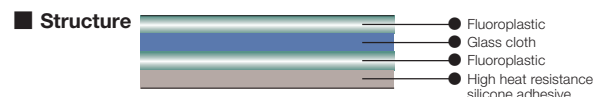
- Clean release for heat sealers.
- pressing plate release for cotton, unwoven fabrics, and other materials.
- Covering for heating elements.



## AGF-103T

### Product with improved clean release characteristics.

This tape consists of silicone adhesive applied to a base material made of fluoroplastic-impregnated glass cloth. Although the cloth texture is the same as that of AGF-100 FR, this product has improved clean release characteristics significantly improved over AGF-100 FR.



### Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGF-103T	0.13 (5.1)	13, 19, 25, 50 (1/2, 3/4, 1, 2)	560 (22)	10 (11)
	0.18 (7.1)	25, 50 (1, 2)		

\* Tapes can be slit to widths not shown above up to the maximum width.

### Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AGF-103T	0.13 (5.1)	360 (81)	—	9 (32)	5	250 (480)
	0.18 (7.1)	700 (157)	—	11 (39)	7	

\* Values shown in this table represent measurements and do not constitute guaranteed values.

### Main applications

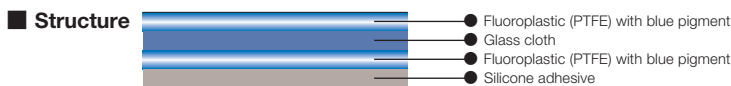
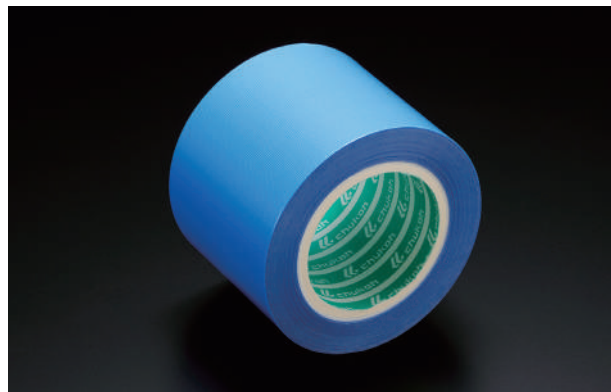
- Clean release in heat sealers.
- Clean release in bag making fusion cutters.
- Pressing plate release for cotton, unwoven fabrics, and other materials.
- Other applications where higher clean release characteristics is required.



## AGF-100 BLUE

### Blue fluoroplastic (PTFE) adhesive tape with improved noticeability

This tape consists of silicone adhesive applied to a base material made of blue-colored fluoroplastic (PTFE)-impregnated glass cloth. Its blue-colored surface improves distinguishability from works, therefore, it can be easily recognized as a foreign object in case of breakage.



**Typical dimension**

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGF-100 BLUE	0.16 (6.3)	25, 50 (1, 2)	100 (4)	10 (11)

\* Tapes can be slit to widths not shown above up to the maximum width.

**Typical properties**

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AGF-100 BLUE	0.16 (6.3)	460 (103)	—	11 (39)	6	200 (390)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

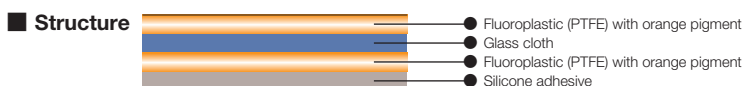
**Main applications**

- More noticeability than AGF-100FR.
- Distinguish the tape from other adhesive tapes by product or process.
- Enhance non-stick and slipping properties during the food manufacturing process.

## AGF-100 FR ORANGE

### Orange type ideal for identification of high-voltage wiring

This adhesive tape consists of silicone adhesive applied to a base material made of fluoroplastic (PTFE)-impregnated orange-dyed glass cloth. In addition to various characteristics of fluoroplastic adhesive tape, the orange coloring makes it ideal for identification of high-voltage wiring in electric vehicles (EVs).



**Typical dimension**

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGF-100FR ORANGE	0.11 (4.3)	19 (3/4)	100 (4)	30 (33)

\* Tapes can be slit to widths not shown above up to the maximum width.

**Typical properties**

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AGF-100FR ORANGE	0.11 (4.3)	285 (64)	—	9 (32)	6	200 (390)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

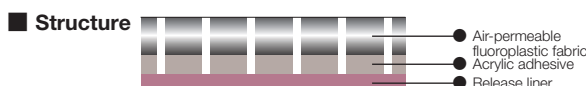
**Main applications**

- Identification of high-voltage wiring in electric vehicles (EVs).
- Electrical insulation covering for cables.

## AGB-207-6-1

### Air-permeable adhesive sheets. Optimum cushioning material for use in suction processes for parts.

This product consists of acrylic adhesive applied to air-permeable glass cloth that has been impregnated with fluoroplastic (PTFE). Its air-permeability makes it the optimum cushioning material for use in suction processes.



**Typical dimension**

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AGB-207-6-1	0.11 (4.3)	480, 1000 (19, 40)	1000 (40)	1- (1.1-)

**Typical properties**

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Ventilation volume (cm <sup>3</sup> /cm <sup>2</sup> ·s)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AGB-207-6-1	0.11 (4.3)	450 (101)	15	—	1.2 (4.3)	—	80 (176)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

**Main applications**

- Cushioning material for use in suction-holding of plate format products in the manufacturing of electronic components and devices.



API-114A<sub>FR</sub>

## Standard polyimide adhesive tape

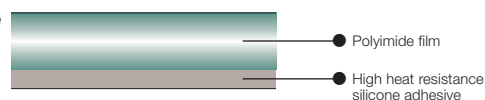
Conformable to UL 510  
(File No.E105318)

This tape consists of high heat resistance silicone adhesive applied to a polyimide film, and is suited for applications where heat resistance and electrical insulation is required.

\* These come in light adhesion and separator type tapes.



## ■ Structure



## ■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
API-114A FR	0.06 (2.3)	13, 19, 25 (1/2, 3/4, 1)	450 (17)	10 (11)
	0.08 (3.2)			20 (22)

\* Tapes can be slit to widths not shown above up to the maximum width.

## ■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
API-114A FR	0.06 (2.3)	125 (28)	35	6 (21)	7	250 (480)
	0.08 (3.2)	240 (54)		7 (25)	10	

\* Values shown in this table represent measurements and do not constitute guaranteed values.

## Main applications

- Electrical insulation at high temperatures
- Heat resistant masking for soldering and other processes.

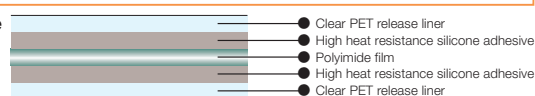
## API-214A

## This double-sided tape is optimum for use in high-temperature conditions.

This tape consists of high heat resistance silicone adhesive applied to both sides of a base material made of polyimide film. Both base material and adhesive provide excellent heat resistance, making this tape an optimum choice for temporarily holding items under high-temperature conditions.



## ■ Structure



## ■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
API-214A	0.085 (3.3)	25, 50 (1, 2)	450 (17)	10 (11)

\* Please inquire for products with other standards than listed above.

## ■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
API-214A	0.085 (3.3)	125 (28)	35	5 (18)	8	250 (480)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

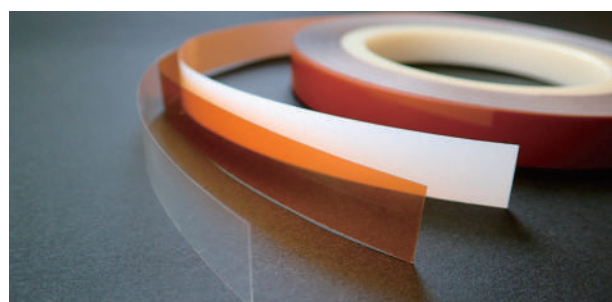
## Main applications

- Temporary holding under high-temperature conditions.
- Temporary holding during solder reflow.
- Slip prevention under high-temperature conditions.

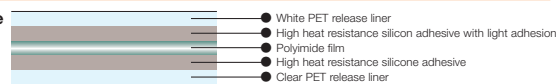
## API-214AE

## Double-sided tape with strong adhesive side/light adhesive side for temporary holding.

This tape consists of silicone adhesive with excellent heat resistance applied to both sides of a base material made of polyimide film. As the one side has a light adhesion, this tape is optimum for holding items temporarily under high-temperature conditions.



## ■ Structure



## ■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
API-214AE	0.175 (6.9)	—	400 (16)	10 (11)

\* Tapes can be slit to widths not shown above up to the maximum width.

## ■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage: kV	Maximum service temperature °C (°F)
API-214AE	0.175 (6.9)	240 (54)	35	Light adhesive side: 0.15 (0.54)	10	250 (480)
				Strong adhesive side: 7 (25)		

\* Values shown in this table represent measurements and do not constitute guaranteed values.

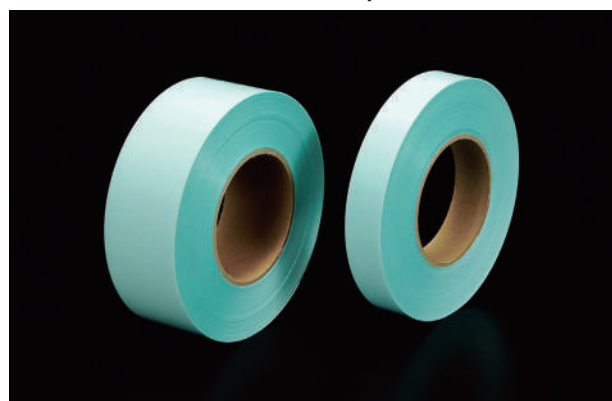
## Main applications

- Temporary holding during reflow and other high-temperature processes
- Slip prevention under high-temperature conditions.

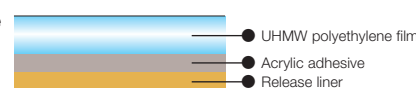
## AUE-112B

## UHMW-PE adhesive tape with excellent wear resistance and lowest friction.

This tape consists of acrylic adhesive applied to a base material made of ultrahigh molecular weight (UHMW) polyethylene film. It provides excellent wear resistance and lowest friction that are second only to fluororesin.



## ■ Structure



## ■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
AUE-112B	0.18 (7.1)	19, 25, 50 (3/4, 1, 2)	500 (20)	40 (44)
	0.30 (11.9)			20 (22)
	0.55 (21.8)	25, 50 (1, 2)		

\* Tapes can be slit to widths not shown above up to the maximum width.

## ■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
AUE-112B	0.18 (7.1)	210 (47)	350	10 (36)	19	80 (176)
	0.30 (11.9)	400 (90)	360		25	
	0.55 (21.8)	740 (166)	390		34	

\* Values shown in this table represent measurements and do not constitute guaranteed values.

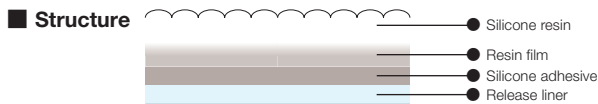
## Main applications

- Hoppers for sand, sugar, grain and other hard materials.
- Improve slipping at corner areas of transport rails for bottles and cargo.
- Lining for conveyor guides.
- Supplementary sliding surfaces on skis and snowboards.

## ACH-6000

### Silicone adhesive tape optimum for stopping slippage and preventing soilage

This adhesive tape is made of a base material with embossed silicone features on its surface to give it excellent clean release, grip, and cushioning performance. The silicone adhesive gives it excellent heat resistance and is less prone to leave any residual adhesive. The tape can also be applied to silicone rolls.



■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ACH-6000	0.7 (27.5)	50, 100 (2, 4)	400 (16)	10 (11)
			100 (4)	25 (27)

\* Please inquire for products with other standards than listed above.

\* For a product with width over 100mm, available length is 10m.

■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ACH-6000	0.7 (27.5)	—	—	5 (18)	11	130 (266)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

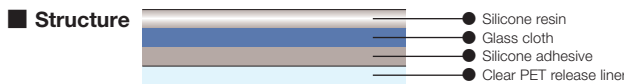
Main applications

- Roll masking during adhesive or glue treatments.
- Add traction power to feeder rollers for films and unwoven fabrics, etc.
- Temporary holding during product transport.

## ACH-6100

### Heat-resistant silicone adhesive tape optimum for adding gripping properties

This tape consists of silicone adhesive applied to a base material made of silicone-coated glass cloth. It offers excellent gripping performance and heat resistance, and can be used under high-temperature conditions.



■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ACH-6100	0.28 (11.0)	25, 50 (1, 2)	350 (14)	25 (27)

\* Please inquire for products with other standards than listed above.

■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ACH-6100	0.28 (11.0)	790 (178)	—	3 (11)	8	200 (390)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

Main applications

- Roll masking during adhesive or glue treatments.
- Add traction power to feeder rollers for films and unwoven fabrics, etc.

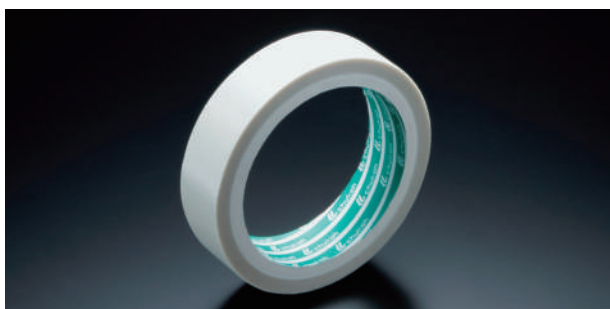
## ACH-5001 FR

### Glass Cloth Adhesive Tape with Excellent Mechanical Strength.

Conformable to UL 510 (File No.E105318)



This tape consists of silicone adhesive applied to a base material made of high-strength glass cloth. It provides excellent flexibility and heat resistance making it a useful choice for insulation and bundling under high-temperature conditions.



■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ACH-5001 FR	0.2 (7.8)	13, 19, 25, 38, 50, 100 (1/2, 3/4, 1, 1 1/2, 2, 4)	500 (20)	10 (11)

\* Tapes can be slit to widths not shown above up to the maximum width.

■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/90° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ACH-5001 FR	0.2 (7.8)	700 (157)	—	10 (36)	6	200 (390)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

Main applications

- Insulation for electrical equipment.
- Temporary holding and protection under high-temperature conditions.

## ACH-5201A

### Polyester Adhesive Tape Optimized for Splicing

This tape consists of silicone adhesive applied to a base material made of black polyester film. The tape provides excellent heat resistance, insulation, and chemical resistance, and is therefore suited for a variety of masking applications. It also provides excellent adhesion on silicone-coated products so it can be used as a joint for the backing paper.



■ Typical dimension

Product code	Total thickness: mm (mil)	Standard width: mm (in)	Maximum width: mm (in)	Length: m (yd)
ACH-5201A	0.055 (2.2)	25, 50 (1, 2)	450 (17)	33 (36)

\* Tapes can be slit to widths not shown above up to the maximum width.

■ Typical properties

Product code	Total thickness mm (mil)	Tensile strength N/25 mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25 mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)
ACH-5201A	0.055 (2.2)	80 (18)	50	7 (25)	6	130 (266)

\* Values shown in this table represent measurements and do not constitute guaranteed values.

Main applications

- Heat-resistant masking.
- Insulated masking.
- Joint for backing paper, etc. (splicing)

## Explanation of grades and typical properties

Product code	Base material	Adhesive	Total thickness mm (mil)	Tensile strength N/25mm (lbs/in)	Elongation (%)	Adhesion/180° peel test N/25mm (oz/in)	Breakdown voltage (kV)	Maximum service temperature °C (°F)	
ASF-110 FR	PTFE film	Silicone pressure-sensitive adhesive	0.08 (3.2)	70 (16)	180	7 (25)	10	200 (390)	
			0.13 (5.1)	160 (36)		8 (29)	15		
			0.18 (7.1)	250 (56)		9 (32)	18		
			0.23 (9.1)	340 (76)		10 (36)	21		
ASF-121 FR			0.08 (3.2)	90 (20)	220	7 (25)	9	200 (390)	
			0.13 (5.1)	160 (36)		9 (32)	13		
			0.18 (7.1)	250 (56)		10 (36)	16		
			0.23 (9.1)	300 (67)		10 (36)	18		
ASF-119T	Embossed PTFE film	Silicone pressure-sensitive adhesive	0.35	—	—	8 (29)	12	200 (390)	
ASB-110	PTFE film with antistatic treatment	Silicone pressure-sensitive adhesive	0.13 (5.1)	70 (16)	340	8 (29)	—	200 (390)	
ASB-121			0.08 (3.2)	70 (16)	130	6 (21)	—	200 (390)	
ASF-110B	PTFE film	Acrylic pressure-sensitive adhesive	0.13 (5.1)	160 (36)	180	9 (32)	15	80 (176)	
ASF-115 (MX)	High-strength, low-stretch PTFE film	Silicone pressure-sensitive adhesive	0.10 (3.9)	135 (30)	40	7 (25)	11	200 (390)	
ASF-125A (MX)	Ultrahigh-strength, low-stretch PTFE film	High heat resistance silicone pressure-sensitive adhesive	0.10 (3.9)	250 (56)	60	6 (21)	12	250 (480)	
ASF-118A FR	Special reinforced PTFE film	High heat resistance silicone pressure-sensitive adhesive	0.10 (3.9)	220 (49)	70	7 (25)	10	250 (480)	
ASF-116T FR	Ultra-thin PTFE film with special reinforcement	Silicone pressure-sensitive adhesive	0.04 (1.6)	40 (9)	110	3 (11)	5	200 (390)	
ASF-130T	PTFE porous film	High heat resistance silicone pressure-sensitive adhesive	1.0 (39.4)	245 (55)	45	10 (36)	—	250 (480)	
AFA-113A	PFA film	Silicone pressure-sensitive adhesive	0.10 (3.9)	50 (11)	400	6 (21)	10	200 (390)	
AGF-100 FR	PTFE + glass cloth	Silicone pressure-sensitive adhesive	0.13 (5.1)	360 (81)	—	9 (32)	6	200 (390)	
			0.15 (5.9)	530 (119)	—	11 (39)	6		
			0.18 (7.1)	860 (193)	—	13 (46)	6		
			0.30 (11.9)	1220 (274)	—	14 (50)	6		
AGF-100A		High heat resistance silicone pressure-sensitive adhesive	0.13 (5.1)	360 (81)	—	10 (36)	6	250 (480)	
AGF-100T			0.13 (5.1)	380 (15)	—	11 (39)	6	250 (480)	
AGB-100		PTFE glass cloth with antistatic treatment	Silicone pressure-sensitive adhesive	0.13 (5.1)	400 (90)	—	11 (39)	—	200 (390)
AGF-101		PTFE + glass cloth	Silicone pressure-sensitive adhesive	0.24 (9.4)	1000 (225)	—	13 (46)	8	200 (390)
AGF-102	0.13 (5.1)			380 (15)	—	9 (32)	—	200 (390) (Adhesive part)	
AGF-103T	PTFE with special treatment + Glass cloth	High heat resistance silicone pressure-sensitive adhesive	0.13 (5.1)	360 (81)	—	9 (0.4)	5	250 (480)	
AGF-100BLUE	PTFE containing blue pigment + Glass cloth	Silicone pressure-sensitive adhesive	0.16 (6.3)	460 (103)	—	11 (39)	6	200 (390)	
AGF-100 FR ORANGE	PTFE containing orange pigment + Glass cloth	Silicone pressure-sensitive adhesive	0.11 (4.3)	285 (64)	—	9 (32)*	6	200 (390)	
AGB-207-6-1	PTFE + glass cloth	Acrylic pressure-sensitive adhesive	0.11 (4.3)	450 (101)	—	1.2 (4.3)	—	80 (176)	
API-114A FR	Polyimide film (One side)	High heat resistance silicone pressure-sensitive adhesive	0.06 (2.3)	125 (28)	35	6 (21)	7	250 (480)	
			0.08 (3.2)	240 (54)		7 (25)	10		
API-214A	Polyimide film (Both sides)	High heat resistance silicone pressure-sensitive adhesive	0.085 (3.3)	125 (28)	35	5 (18)	8	250 (480)	
API-214AE			0.175 (6.9)	240 (54)	35	*	10	250 (480)	
AUE-112B	Ultrahigh molecular weight polyethylene film	Acrylic pressure-sensitive adhesive	0.18 (7.1)	210 (47)	350	10 (36)	19	80 (176)	
ACH-6000	Embossed silicone + film	Silicone pressure-sensitive adhesive	0.70 (27.5)	—	—	5 (18)	11	130 (266)	
ACH-6100	Silicone + glass cloth		0.28 (11.0)	790 (178)	—	3 (11)	8	200 (390)	
ACH-5001 FR	High-strength glass cloth	Silicone pressure-sensitive adhesive	0.20 (7.8)	700 (157)	—	10 (36)*	6	200 (390)	
ACH-5201A	Polyester film		0.055 (2.2)	80 (18)	50	7 (25)	6	130 (266)	

\*API-214AE: Light adhesive side: 0.15 (0.54)/Strong adhesive side: 7 (25)

\* The adhesive force for ACH-5001FR and AGF-100FR ORANGE was measured by peeling it at 90° (N/25mm).

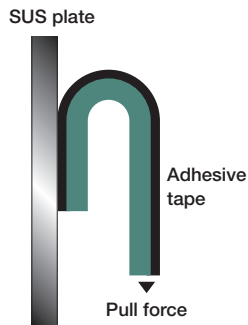
\* Values shown in this table represent measurements and do not constitute guaranteed values.



### ■ Adhesion (180° peel test)

Measurement method	180° peel test (25mm in width)
Adhesion area	25mm width x 150mm (1 inch width x 6 inch)
Test speed	300 mm/min (12 inch/min)
Base plate	SUS plate

To adhere the tape, move a 2 kg rubber roll back and forth while pressing the tape. Measure the pull force while peeling off the tape. Record the pull force exerted when the tape comes off by 100 mm.



### ISO 9001 and 14001 certified

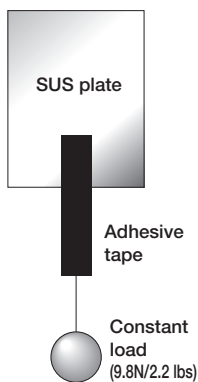
Chukoh Chemical Industries has been certified under ISO 9001 and 14001, which are international standards for quality and environmental management.

- Scope of registration/Design, manufacture, and sale of products containing fluoro resin and products with fluoro resin or silicone resin coatings. Design and management of consignment manufacturing of biodegradable resin products.

### ■ Holding power

Temperature	AGF-100A	AGF-100 FR
200°C (390°F)	Min. 360 h	Max. 1 h
250°C (480°F)	Min. 360 h	Max. 2 min (0.08 in)

- Test method: JIS Z-0237 (see the right figure)
- Specimen thickness: 0.13 mm (0.0051 in)
- Contact area: 25 mm x 25 mm (1 in x 1 in)
- At each temperature, measure the time until the (constant loaded) tape comes off the stainless steel plate.
- The figures in the table are measured, not guaranteed values.
- The holding power may slightly differ depending on the material of the adherend.



### UL standard certification

CHUKOH FLO™ Adhesive Tape ASF-110FR, ASF-121FR, ASF-118A FR, ASF-116T FR, AGF-100FR, AGF-100FR ORANGE, API-114A FR, and ACH-5001FR are UL standard certified.



### The "FR" suffix

In response to being certified for the UL standard, the "FR" suffix was added to the names of a number of products on July 1, 2009. These products remain the same as previous products as no changes have been made to their specifications, quality, or manufacturing processes.

### About the notation of Teflon™

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## Tape products can be customized and specially treated to meet your specific needs.

#### Plastic Cores products



#### Products with release liner



#### Products with acrylic adhesive



#### Different core diameters (1.5 or 3 inch)

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**Caution**

- Do not use for medical applications or other usages involving a contact with human body.
- Observe the related laws and regulations for disposal. Do not incinerate in any case.
- Do not use at the temperature exceeding the maximum service temperature.
- Please read the catalogue and product safety data sheet (SDS) on our website to maintain the original functions of product and ensure safe use.

**Contact Information**

For inquiries on our products in general, please make inquiries by e-mail or through our WEB form, or contact the nearest sales branch. Please feel free to contact us.

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WEB form

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