

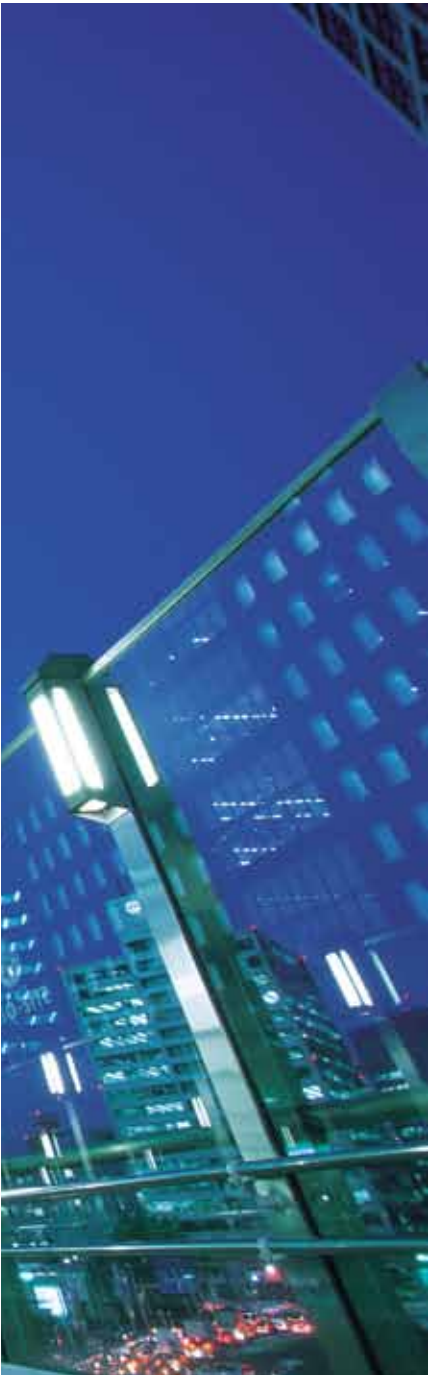
PRODUCT INFORMATION

*think the best
protection technology for human*



think the best **protection technology for human**

SG Chem Corporation has become a company specialized in the production of a high-functional surface protection tape through a continuous research and development since its establishment in 1972. We supply a surface protection tape for the building exterior and interior materials, tape for processing, and special tape to various domestic and foreign leading steel manufacturers and electronic businesses. SG Chem Corporation promises to provide you with the best products based on our technologies accumulated for 45 years.



COMPANY HISTORY

SG Chem has been growing up with the industrial development since 1972.

- 1972.05 Foundation of Segye chemical industry Co.
- 2003.03 Establishment of SG Chem R&D Center
- 2004.05 Renamed to "SG Chem industry Co., Ltd."
- 2005.07 ISO 9001, 2007.06 ISO 14001
- 2008.12 Certification of INNO-BIZ
- 2009.10 Started construction of factory at
Sanmak-Dong, Yangsan-City
- 2009.09 Present an award certificate from the
Ministry of Environment in the part of "The best resource
recirculation company"
- 2010.03 Present an award certificate from chairman of Innobiz
- 2016.05 Foundation of SG Chem(THAILAND) Co.,Ltd.
- 2016.06 Foundation of SG Chem VN(VIETNAM) Co.,Ltd.



Introduced for Sink
1974



Architecture
1980



Home appliances
1990



Electronics
2000





COMPANY SPECIALIZED IN SURFACE PROTECTION TAPE

SG chem has been growing up with industrial development of Korea.



ICONS EXPLANATION OF ICONS

SG chem Co., Ltd. explains the characteristic of products after iconifying.



Machinability 1



Machinability 2

Machinability 1 : Possible to bend
Machinability 2 : Drawing process



Machinability 3



Machinability 4

Machinability 3 : Deep drawing process
Machinability 4 : Sink bowl, roll forming



For outdoor use

For outdoor use : Possible for outdoor use within 12 months



Resistance to flame

Resistance to flame : VTM - 0 (UL94)



Adhesiveness 1



Adhesiveness 2



Adhesiveness 3

Adhesiveness 1 : Attaching to BA, No.8 surface
Adhesiveness 2 : Attaching to No.4, HL surface
Adhesiveness 3 : Attaching to DULL surface



SUS

SUS : For steel plate of stainless steel material



Printing

Printing : Able to print logo



Laser

Laser : Laser process



PCM

PCM : PCM, For various painting steel plate material



Construction exterior material tape

Construction exterior material surface protection tape is used suitable film and adhesive to use outdoor and has weatherproof characteristic which is strong to ultraviolet ray and excellent durability and physical strength. It has strong characteristic strong to change of sunshine, temperature and humidity and it has little change on standing of adhesive power and easy to remove after use. In addition, it has excellent machinability and protection such as bending, it is used for construction exterior material chassis and panel process and it protects surface of material during transportation and construction.

■ SGV-227



- **Purpose** : Construction interior/exterior material - chassis, construction panel, elevator, facility structure(electricity, electronic, signal), railway vehicle, kitchen tools and etc.
- **Adhered** : Stainless steel (HL, No.4, BA, No.8, Super Mirror and etc.)

■ Tape structure



- Adhesive (Acrylic)
- PVC Film
- Release Agent

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
75	White PVC	1000/1219/1524	1300	0.10	MD/TD 250 / 220	MD/TD 400 / 450

■ SGV-247/257



- **Purpose** : Construction interior/exterior material - chassis, construction panel, elevator, facility structure(electricity, electronic, signal), railway vehicle, kitchen tools and etc.
- **Adhered** : Stainless steel (HL, No.4, BA, No.8, Super Mirror and etc.)

■ Tape structure



- Adhesive (Acrylic)
- PVC Film
- Release Agent

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
200/75	White PVC	1000/1219/1524	1300	0.10	MD/TD 250 / 220	MD/TD 400 / 450

■ SGV-327



- **Purpose** : Construction interior/exterior material - chassis, construction panel, elevator, facility structure(electricity, electronic, signal), railway vehicle, kitchen tools and etc.
- **Adhered** : Stainless steel (BA, No.8, Super Mirror and etc.)

■ Tape structure



- Adhesive (Acrylic)
- PVC Film
- Release Agent

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
50	White PVC	1000/1219/1524	1300	0.10	MD/TD 250 / 220	MD/TD 400 / 450

■ SGV-239



- **Purpose** : Construction interior/exterior material - chassis, construction panel, elevator, facility structure(electricity, electronic, signal), railway vehicle, kitchen tools and etc.
- **Adhered** : Stainless steel (HL, No.4, BA, No.8, Super Mirror and etc.)

■ Tape structure



Adhesive strength (g/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kg/cm ²)	Elongation(%)
80	White PVC	1000/1219/1524	1000	0.12	MD/TD 250 / 220	MD/TD 400 / 450

■ SGV-238M



- **Purpose** : Construction interior/exterior material - chassis, construction panel, elevator, facility structure(electricity, electronic, signal), railway vehicle, kitchen tools and etc.
- **Adhered** : Stainless steel (HL, No.4, BA, No.8, Super Mirror and etc.)

■ Tape structure



Adhesive strength (g/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kg/cm ²)	Elongation(%)
120	Milky white PVC	1000/1219/1524	1000	0.12	MD/TD 250 / 220	MD/TD 400 / 450

■ SGO-167



- **Purpose** : Construction interior/exterior material (chassis, construction panel), for panel inside the refrigeration vehicle
- **Adhered** : Stainless steel (HL, 2B, BA, No.8, Supper mirror)

■ Tape structure



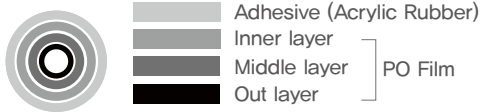
Adhesive strength (g/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kg/cm ²)	Elongation(%)
240	White PO	1000/1219/1524	1000	0.10	MD/TD 200 / 180	MD/TD 300 / 500

SGO-127W/137W



- **Purpose** : Construction interior/exterior material - chassis, construction panel, elevator, facility structure(electricity, electronic, signal), railway vehicle, kitchen tools and etc.
- **Adhered** : Stainless steel (HL, 2B, BA, No.8, Super Mirror and etc.)

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
70/130	White PO	1000/1219/1524	1000	0.10	MD/TD 200 / 180	MD/TD 300 / 500

SGE-166BW



- **Purpose** : Construction interior/exterior material - chassis, construction panel, elevator, facility structure(electricity, electronic, signal), railway vehicle, kitchen tools and etc.
- **Adhered** : Stainless steel (HL, 2B, BA, No.8, Super Mirror and etc.)

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
300	B&W	1000/1219/1524	1000	0.08	MD/TD 200 / 180	MD/TD 200 / 500

SGE-135BW/145BW



- **Purpose** : Construction interior/exterior material - chassis, construction panel, elevator, facility structure(electricity, electronic, signal), railway vehicle, kitchen tools and etc.
- **Adhered** : Stainless steel (HL, No.4, BA, No.8, Super Mirror and etc.)

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
150/200	B&W	1000/1219/1524	1000	0.07	MD/TD 200 / 180	MD/TD 200 / 500



Construction interior material tape

Construction interior material surface protection tape has excellent thermal-resistance and physical strength by using excellent durability film and adhesive. It protects surface of material for various construction interior materials from elevator, interior decorations, chassis and switchboard during process, transportation and construction. Also, it uses transparent film, so it is easy to check appearance of material and convenient for construction. Also, it has excellent machinability and protection such as bending, it is used for process and surface protection of materials for construction interior material, elevator and panels.

■ SGV-227T



- **Purpose** : Construction internal material(elevator, internal panel)
- **Adhered** : Stainless steel (HL, No.4, BA, Super Mirror, etching, color stainless products)

■ Tape structure



- Adhesive (Acrylic)
- PVC Film
- Release Agent

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
75	Transparent PVC	1000/1219/1524	1000	0.10	MD/TD 250 / 220	MD/TD 400 / 450

■ SGV-327T



- **Purpose** : Construction internal material(elevator, internal panel)
- **Adhered** : Stainless steel (HL, No.4, BA, Super Mirror, etching, color stainless products)

■ Tape structure



- Adhesive (Acrylic)
- PVC Film
- Release Agent

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
50	Transparent PVC	1000/1219/1524	1000	0.10	MD/TD 250 / 220	MD/TD 400 / 450

■ SGO-486



- **Purpose** : Construction internal material (difficult adhesive painting steel plate)
- **Adhered** : PCM, surface which is difficult to adhere, Stainless steel (No.4, HL, Dull)

■ Tape structure



- Adhesive (Acrylic)
- PO Film

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
430	Transparent PO	1000/1219/1524	1000	0.08	MD/TD 200 / 180	MD/TD 200 / 500



Drawing tape

Drawing tape applies excellent machinability film material and adhesive, so it is possible to mold process in various shapes due to good adhesive power and retentiveness. Also, it has no birdcaging phenomenon during process, so it is suitable for process in complex shapes because this product is to be used for process and surface protection during continued automatic and manual drawing process. It is used on stainless steel and color steel plate material for in-depth process such as drawing, deep drawing, sink bowl.

■ SGV-325/225/336



- **Purpose** : Deep drawing process - Electronics (oven, microwave, washing machine)
- **Adhered** : Stainless steel (2B, BA)

■ Tape structure



- Adhesive (Acrylic)
- PVC Film
- Release Agent

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
50/75/150	Blue PVC	1000/1219/1524	1000	0.08	MD/TD 220 / 200	MD/TD 350 / 400

■ SGO-403



- **Purpose** : Drawing process - Electronics (gas stove, electric rice cooker, washing machine)
- **Adhered** : Stainless steel (No.8, BA)

■ Tape structure



- Adhesive (Acrylic)
- PO Film

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
30	Transparent PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

■ SGE-123C/ SGO-423/433



- **Purpose** : Deep drawing process - Electronics (oven, microwave, washing machine)
- **Adhered** : Stainless steel (No.8, BB, No.4, HL), PCM

■ Tape structure



- Adhesive (Acrylic)
- PO Film

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
80/80/120	Transparent PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGO-443



■ **Purpose** : Deep drawing process - Electronics(dishwasher, washing machine)

■ **Adhered** : Stainless steel (No.8, BB, No.4)

■ Tape structure



Adhesive (Acrylic)
PO Film

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
120	Transparent PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGO-453PL



■ **Purpose** : Deep drawing process - Electronics (oven, gas stove)

■ **Adhered** : Stainless steel (No.8, BB, No.4)

■ Tape structure



Adhesive (Acrylic)
PO Film

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
200	Transparent PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGO-426/436



■ **Purpose** : Process - Electronics (refrigerator door, dishwasher door)

■ **Adhered** : Stainless steel (No.8, BB, No.4), aluminum steel plate

■ Tape structure



Adhesive (Acrylic)
PO Film

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
100/120	Transparent PE Blue PE	1000/1219/1524	1000	0.08	MD/TD 200 / 180	MD/TD 200 / 500

SGO-403TT



■ **Purpose** : Drawing process - Electronics (gas stove, electric rice cooker, washing machine)

■ **Adhered** : Stainless steel (No.8, BA)

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
30	Transparent PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGO-463PL



■ **Purpose** : Deep drawing - Car bumper, molding

■ **Adhered** : Stainless steel (No.8, BB, No.4)

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
300	Light blue PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGO-423TM



■ **Purpose** : Drawing process - Electronics(dishwasher ,washing machine)

■ **Adhered** : Stainless steel (No.8, BB, No.4, HL)

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
160	Transparent PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

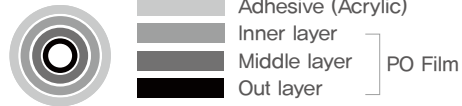
SGO-466TL



■ **Purpose** : Deep Drawing process - Electronics(dishwasher, washing machine)

■ **Adhered** : Stainless steel (No.8, BB, No.4, HL, Dull), PCM

■ Tape structure



Adhesive strength (g/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kg/cm ²)	Elongation(%)
300	Transparent PO	1000/1219/1524	2000	0.08	MD/TD 200 / 180	MD/TD 200 / 500

SGO-423PM



■ **Purpose** : Deep Drawing process - Electronics(dishwasher, washing machine)

■ **Adhered** : Stainless steel (No.8, BB, No.4, HL)

■ Tape structure



Adhesive strength (g/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kg/cm ²)	Elongation(%)
160	Blue PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGO-424B



■ **Purpose** : Drawing process - Electronics(refrigerator door, dishwasher door)

■ **Adhered** : Stainless steel (No.8, BB, No.4, HL), PCM

■ Tape structure



Adhesive strength (g/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kg/cm ²)	Elongation(%)
60	Transparent PO	1000/1219/1524	2000	0.06	MD/TD 200 / 180	MD/TD 200 / 500

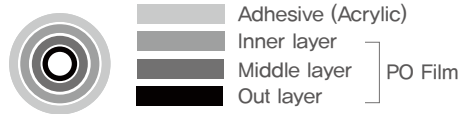
SGO-443B



■ **Purpose** : Deep Drawing process - Electronics(dishwasher, washing machine)

■ **Adhered** : Stainless steel (No.8, BB, No.4)

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
150	Transparent PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGO-633TH



■ **Purpose** : Deep Drawing process - Electronics(dishwasher, washing machine)

■ **Adhered** : Stainless steel (No.8, BA)

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
160	Transparent PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGO-643TL



■ **Purpose** : Sink bowl process

■ **Adhered** : Stainless steel (No.8, BA)

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
160	Transparent PO	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500



Tape for process

This is silicon tape, double-sided tape and PE tape for process used in TSP(Touch Screen Panel) or Display process. Silicon tape has stable adhesive power and surface wetness and has high reliability on adhesive, thickness and size standard. Double-sided tape has high adhesive power and adhesion, so it is suitable to fix between adhered. In addition, PE tape for process is environment-friendly product by using water-based adhesive.

■ Removal Type Tape



- **Purpose** : Glass, PET or film, plastic mold, for process of stainless steel, for surface protection
- **Adhered** : Glass, PET or film, plastic mold, for process of stainless steel etc.

■ Tape structure



- Liner (PET)
- Adhesive (Silicone)
- PET Film

Item	Adhesive	Color	Film	Adhesive strength (gf/25mm)	Thickness (mm)	Liner(mm)	Surface resistance
SGS-9701-L	Silicone	Transparent	PET	1	0.085	○	X / ○
SGS-9702-L	Silicone	Transparent	PET	2	0.085	○	X / ○
SGS-9704-L	Silicone	Transparent	PET	4	0.085	○	X / ○
SGS-9708-L	Silicone	Transparent	PET	8	0.085	○	X / ○
SGS-9715-L	Silicone	Transparent	PET	15	0.085	○	X / ○
SGS-9720-L	Silicone	Transparent	PET	20	0.085	○	X / ○

■ Tape structure



- Adhesive (Silicone)
- PET Film

Item	Adhesive	Color	Film	Adhesive strength (gf/25mm)	Thickness (mm)	Liner(mm)	Surface resistance
SGS-9225	Silicone	Transparent	PET	25	0.035	X	X
SGS-9240	Silicone	Transparent	PET	40	0.035	X	X
SGS-9425	Silicone	Transparent	PET	25	0.050	X	X
SGS-9440	Silicone	Transparent	PET	40	0.050	X	X

■ Tape structure



Adhesive (Silicone)
CPP Film

Item	Adhesive	Color	Film	Adhesive strength (gf/25mm)	Thickness (mm)	Liner(mm)	Surface resistance
SGS-8425	Silicone	Transparent	CPP	25	0.050	X	X
SGS-8440	Silicone	Transparent	CPP	40	0.050	X	X
SGS-840A	Silicone	Transparent	CPP	100	0.050	X	X
SGS-8525	Silicone	Transparent	CPP	25	0.065	X	X
SGS-8540	Silicone	Transparent	CPP	40	0.065	X	X
SGS-850A	Silicone	Transparent	CPP	100	0.065	X	X

■ Double-Sided Tape



■ **Purpose** : Mobile phone, tablet PC, for fixing components of display device and etc, for process of contact and adherence of FILM or sheet

■ **Adhered** : PET or film, plastic mold, stainless steel, PCM

■ Tape structure



Adhesive (Acrylic)
PET Film
Adhesive (Acrylic)
Release Liner

Item	Adhesive	Adhesive strength (gf/25mm)	Film	Thickness (mm)	Liner(mm)	Core
SGA-943J	Acrylic	1300	PET	0.050	Paper	Plastic
SGA-940J	Acrylic	1000	PET	0.050	Paper	Plastic
SGA-940H	Acrylic	800	PET	0.050	Paper	Plastic

■ Processing PE



■ **Purpose** : For surface protection, tape for removing scrap paper

■ **Adhered** : PET or film, plastic mold, stainless steel, PCM

■ Tape structure



Adhesive (Acrylic)
PE Film

Item	Adhesive	Color	Film	Adhesive strength (gf/25mm)	Thickness (mm)	Liner(mm)	Core
SGA-1450	Acrylic	Transparent	PE	50	0.050	Paper	Plastic
SGA-140A	Acrylic	Transparent	PE	100	0.050	Paper	Plastic
SGA-145A	Acrylic	Transparent	PE	150	0.050	Paper	Plastic
SGA-140B	Acrylic	Transparent	PE	200	0.050	Paper	Plastic
SGA-1650	Acrylic	Transparent	PE	50	0.050	Paper	Plastic
SGA-160A	Acrylic	Transparent	PE	100	0.050	Paper	Plastic
SGA-165A	Acrylic	Transparent	PE	150	0.050	Paper	Plastic
SGA-160B	Acrylic	Transparent	PE	200	0.050	Paper	Plastic



General surface protection tape

This is a surface protection tape for stainless steel, painting steel plate and plastic injection, and used blue and transparent PE film and has excellent adhesive power. Transparent and blue tape enables easily check the appearance of the adhered and it prevents surface damage during process and transportation by attaching on board.

SGE-103



- **Purpose** : For surface protection, Drawing process - Electronics(gas stove, electric rice cooker, washing machine)
- **Adhered** : Stainless steel (No.8, BA)

■ Tape structure



Adhesive strength (g/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kg/cm ²)	Elongation(%)
10	Transparent PE	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGE-123



- **Purpose** : For surface protection,Drawing process - Electronics(microwave)
- **Adhered** : Stainless steel (No.8, BA, No.4)

■ Tape structure



Adhesive strength (g/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kg/cm ²)	Elongation(%)
100	Blue PE	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGE-113PH



- **Purpose** : For plastic injection protection
- **Adhered** : Stainless steel (No.8, BA,No.4), plastic

■ Tape structure



Adhesive (Acrylic)
PE Film

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
60	Transparent PE	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGE-113



- **Purpose** : For surface protection, Drawing process - Electronics(gas stove, electric rice cooker, washing machine)
- **Adhered** : Stainless steel (No.8, BA, No.4)

■ Tape structure



Adhesive (Acrylic)
PE Film

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
50	Transparent PE Blue PE	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500

SGE-403



- **Purpose** : For surface protection, Drawing process - Electronics (gas stove, electric rice cooker, washing machine)
- **Adhered** : Stainless steel (No.8, BA)

■ Tape structure



Adhesive (Acrylic)
PE Film

Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
10	Transparent PE	1000/1219/1524	2000	0.05	MD/TD 200 / 160	MD/TD 200 / 500



Professional solutions

Special tapes such as flame-retarding PVC/PO tape, laser-cutting tape, line-marking tape, masking tape and sandblast tape is used in various special process and work. It is designed to have high efficiency and workability and high reliability due to good durability and excellent property of matter.

SGV-26c



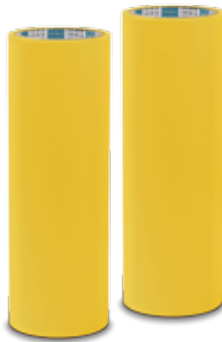
- **Purpose** : Flame retarding protection tape, construction and structure, pipe, painting pipe, internal panel, other internal material protection
- **Adhered** : Stainless steel, PCM

■ Tape structure



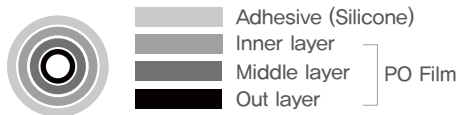
Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
350	Flame retardant PVC	1000/1219	—	0.33~0.35	MD/TD —	MD/TD —

SGS-590B



- **Purpose** : Flame retarding protection tape, construction and structure, pipe, painting pipe, internal panel, other internal material protection
- **Adhered** : Stainless steel, PCM

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
200	Flame retardant PO	1000	—	0.16	MD/TD 200 / 180	MD/TD 300 / 350

SGO-167L/187L



■ **Purpose** : For laser process and for bending after laser process

■ **Adhered** : Stainless steel(HL, No.4, BA, No.8, Supper Mirror)

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
350	White PO	1000/1219/1524	2000	0.10	MD/TD 200 / 180	MD/TD 300 / 500
650	White PO	1000/1219/1524	2000	0.10	MD/TD 200 / 180	MD/TD 300 / 500

SGA-280E



■ **Purpose** : For line marking, for attaching to structure

■ **Adhered** : Floor of factory, urethane coating floor and etc.

■ Tape structure



Adhesive strength (gf/25mm)	Film	Width(mm)	Length(m)	Thickness (mm)	Tension strength (kgf/cm ²)	Elongation(%)
500	PVC	—	33	0.11	MD/TD 250 / 220	MD/TD 100 / 120

■ Adhesive tape for masking

- **Purpose** : For surface protection and paint protection during transportation, installation and storage of large pipe
- **Adhered** : Stainless steel, painting steel plate surface

■ Antistatic tape

- **Purpose** : Application requiring anti-static of electronic products
- **Adhered** : Stainless steel

■ Decorating/Interior tape

- **Purpose** : Tape for construction internal interior, point sticker, for wall adhesion printouts, for ground adhesion advertisements
- **Adhered** : Internal wall surface, wall paper

■ Adhesive tape for PCB

- **Purpose** : For preventing pemetration of PCB etching liquid
- **Adhered** : PCB

■ Tape for sandblasting

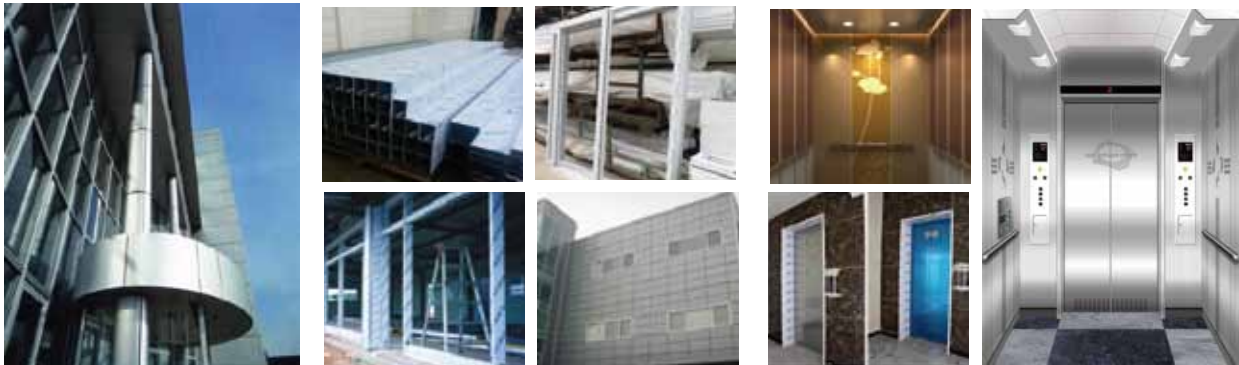
- **Purpose** : Masking tape for sandblasting process
- **Adhered** : Stainless steel, painted surfaces, etc.

Application

Electronic business

	FRONT	Deep drawing for process PO tape	
	BACK		
	DRY-BACK		
	TUB-CENTER	For drawing surface protection tape	
	BASE	Deep drawing for process PO tape	
	PULL SATAR	For drawing surface protection tape	
	CENTER		
	COVER DOOR	Deep drawing for process PO tape	
	DOOR LINER		
	YUB-UPPER		
	TUB-LOWER		
	TUB- CENTER	For drawing surface protection tape	
	LOWER PLATE	For drawing surface protection tape	
	UPPER PLATE		
	INNER PLATE		
	REAR PLATE		
	DOOR COVER		
	FRONT PLATE		
	COVER DOOR PANNEL		
Refrigerator	DOOR	Deep drawing for process PO tape	
Gas ovenrange	TOP PLATE		

Construction business



Construction exterior material protection tape - chassis, panel

Construction interior material protection tape - elevator, chassis, panel

Adhered and purpose

Construction exterior material tape

Adhered						Purpose						
ITEM	No.8	BA	No.4	HL	Dull	Surface protective	Bending	Drawing	Deep drawing	Sink	Roll forming	Construction exterior
SGV227	⊙	⊙	⊙	○		⊙	⊙				⊙	⊙
SGV247	⊙	⊙	⊙	⊙	○	⊙	⊙				⊙	⊙
SGV257	⊙	⊙	⊙	⊙		⊙	⊙				⊙	⊙
SGV327	⊙	⊙	⊙	○		⊙	⊙					⊙
SGV239	⊙	⊙	⊙	⊙		⊙	⊙					⊙
SGV238M	⊙	⊙	⊙	⊙		⊙	⊙					⊙
SGO167	⊙	⊙	⊙	⊙	○	⊙	⊙					⊙
SGO127W	⊙	⊙	⊙	○		⊙	⊙					⊙
SGO137W	⊙	⊙	⊙	⊙		⊙	⊙					⊙
SGE166BW	⊙	⊙	⊙	⊙	⊙	⊙	⊙					⊙
SGE135BW	⊙	⊙	⊙	⊙		⊙	⊙					⊙
SGE145BW	⊙	⊙	⊙	⊙	○	⊙	⊙					⊙

Construction interior material tape

Adhered						Purpose						
ITEM	No.8	BA	No.4	HL	Dull	Surface protective	Bending	Drawing	Deep drawing	Sink	Roll forming	Construction exterior
SGV227T	⊙	⊙	⊙	○		⊙	⊙				⊙	
SGV327T	⊙	⊙	⊙	○		⊙	⊙				⊙	
SGO486	⊙	⊙	⊙	⊙	⊙	⊙	⊙					

Drawing tape

Adhered						Purpose						
ITEM	No.8	BA	No.4	HL	Dull	Surface protective	Bending	Drawing	Deep drawing	Sink	Roll forming	Construction exterior
SGV325	⊙	⊙	⊙			⊙	⊙	⊙	○		⊙	
SGV225	⊙	⊙	⊙	○		⊙	⊙	⊙	○		⊙	
SGV336	⊙	⊙	⊙	⊙		⊙	⊙	⊙	○		⊙	
SGO403	⊙	⊙				○		⊙				
SGO423	⊙	⊙	⊙	○		○	○	⊙	⊙			
SGO433	⊙	⊙	⊙	⊙		○	○	⊙	⊙		○	
SGO443	⊙	⊙	⊙			○	○	⊙	⊙			

Drawing tape

Adhered						Purpose						
ITEM	No.8	BA	No.4	HL	Dull	Surface protective	Bending	Drawing	Deep drawing	Sink	Roll forming	Construction exterior
SGO463A	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙	⊙		
SGO426	⊙	⊙	⊙	○		⊙	⊙					
SGO436	⊙	⊙	⊙	⊙		⊙	⊙					
SGO403TT	⊙	⊙				○		⊙	○			
SGO433TT	⊙	⊙	⊙	⊙		○	⊙	⊙	⊙			
SGO443TT	⊙	⊙	⊙			○	⊙	⊙	⊙			
SGO423TM	⊙	⊙	⊙	○		○	⊙	⊙	⊙			
SGO466TL	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙			
SGO423PM	⊙	⊙	⊙	○		○		⊙	⊙			
SGO424B	⊙	⊙	⊙	○		⊙	⊙					
SGO443B	⊙	⊙	⊙			○	⊙	⊙	⊙			
SGO453PL	⊙	⊙	⊙			○	⊙	⊙	○	○	○	
SGO463PL	⊙	⊙	⊙			○	⊙	⊙	⊙	○	○	
SGO633TH	⊙	⊙				○	⊙	⊙	⊙	○	○	
SGO643TL	⊙	⊙				○	⊙	⊙	⊙	○	○	
SGE123C	⊙	⊙	⊙			○	○	⊙	○			

General surface protection tape

Adhered						Purpose						
ITEM	No.8	BA	No.4	HL	Dull	Surface protective	Bending	Drawing	Deep drawing	Sink	Roll forming	Construction exterior
SGE103	⊙	⊙				○		○				
SGE113	⊙	⊙	○			○	○	⊙				
SGE113PH	⊙	⊙	⊙			○	○	⊙				
SGE123	⊙	⊙	⊙			○	○	⊙				
SGE123K	⊙	⊙	⊙			○	○	⊙				
SGE133	⊙	⊙	⊙			○	○	⊙				
SGE116	⊙	⊙				⊙	○					
SGE403	⊙	⊙				○		⊙				



think the best protection technology for human

Precautions

- Store at normal temperature/humidity. Do not expose to direct sunlight.
- Be sure to remove oil and grease from the substrate before applying the film. Failure to do so could result in contamination of the substrate.
- In case of harsh processing conditions, be sure to conduct a test before attempting to use.
- Do not suddenly apply the brakes more than necessary when applying the film. It could cause the edges of the film to be detached.
- Quality, performance and function differ according to the conditions under which the product is used. For details, contact the department in charge of the product in question.
- The data sheet contains measurement values for the product under certain conditions. The values are not guaranteed.
- Results other than the values given here may be obtained depending on how the product is used. Customers should perform their own tests in order to use the product more properly and safely.
- The product and product specifications are subject to change without notification.
- SG chem Co.,Ltd. owns the right to any intellectual property contained herein. We ask that you contact the department in charge of the product in question prior to using the products data sheet for any purpose other than the purpose intended. The products data sheet may not be copied or transferred without permission of SG chem Co.,Ltd.



think the best
protection technology for human

www.sgchem.co.kr

109, Sanmakgongdan-ro, Yangsan-si, Gyeongsangnam-do, Republic of Korea

SG chem Co.,Ltd. : TEL. +82-55-385-4211 / FAX. +82-55-384-4128

R&D Center : TEL. +82-55-384-3007 / FAX. +82-55-384-4127