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Best Technology & Service HANDONG INDUSTRY





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HANDONG INDUSTRY



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CEO Greetings

We, Dong-Dong Industrial Co., Ltd. provide the best products and services to our customers with honest management policy.

With the know-how and the best ability of Handong Industrial Co., Ltd., we always dream of development and practice research and efforts on products.

We will do our best to become Handong Industrial Co., Ltd., growing together with our customers.

Handong Industry Inc. **Kim IlSoon** CEO





















압출동

Through constant technology development and value creation We will serve our customers with the highest priority.













Company History

1996 - 2000

1996.3 Establishment (Gyeongju-si Cold Spring Complex)

1997 **GRC MLDG Production**

Started trading with Apollo Industries (current CEO)

1999 Launched XG BPR MLDG

2000.1 Completed the construction of Dalcheon Agricultural

Complex

2000 NEW EF BPR MLDG Production

2001 - 2018

2001 ISO 9001 Certification

2002 Extension of the second factory

2003 Started trading with HYUNDAI MOBIS

2004 Acquired Siye Plant

BPR protection cover production

2005.9 TS16949 Certification

PETAINER Patent application for manufacturing method

2009.9 Switch to a corporation

2011.2 Completion of construction of Zhongshan Industrial Complex

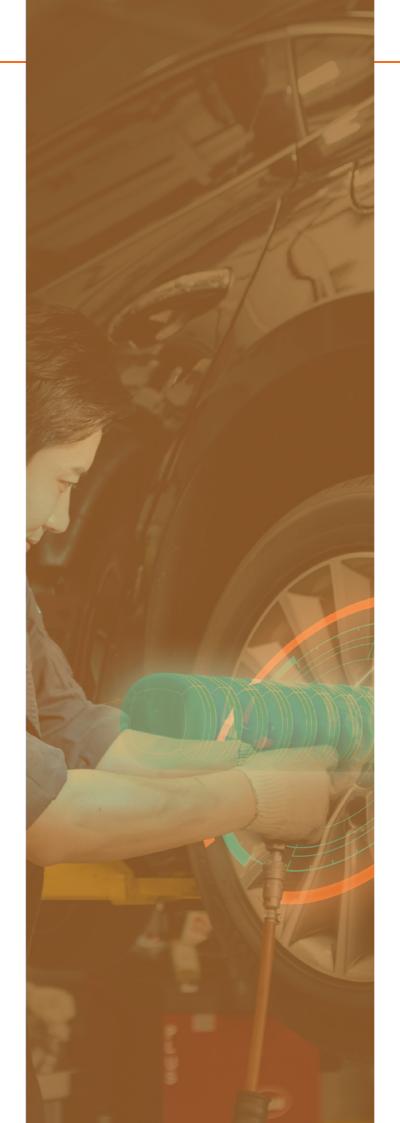
2013.1 Change of CEO (Seo Jineul > Kim IlSoon)

2015.3 SQ Certification

2016.5 SQ certification B > AUpgrade rating

2017.8 Automotive protective cover patent (No.10-1768057) Enrollment

2018.2 Non-woven fabric manufacturing device patent (No.10-1834187) Enrollment



Overview

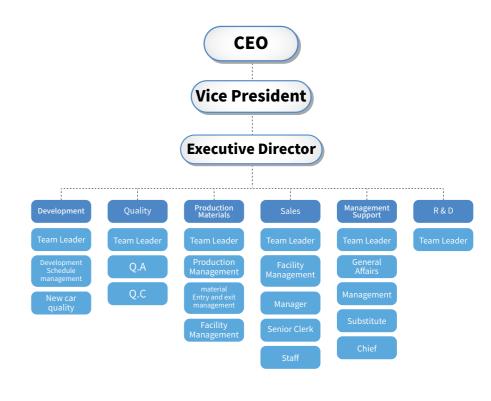
Company Name Handong Industry Inc.

Founded 1996.03

CEO Kim IlSoon

Workplace 57 Jungsansaneop-ro, Buk-gu, Ulsan, Republic of Korea (44214)

Ogranization



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BEST TECHNOLOGY FOR WIND MENS ATIST ACTIO



Protective Cover









SEAT COVER Finish



Usage	Sewing on car seats, parts fastening to the frame
Applicable model	For SEAT ASSY-Tucson, Sportage, Soul, Mojave Veracruz, Grand Starex Porter, etc. For H / REST-Avante, Santa Fe, i30, Genesis, Equus, etc.
Material used	PP, PE etc.
Major customers	Nawon, Kolonglotech, Yong-San, Keunsol

STRIP / PAD / HOSE





Usage	 Soundproof, Dustproof, Waterproof, Defective Material Water supply, refueling hose of vehicle water tank, fuel tank Sunroof soundproof parts
Applicable mode	All models
Material used	PVC, TPO, PE etc.
Major customers	Saedong, Donghee Webasto, Eco Plastic, DAELYUK PLATING & others Hyundai/Kia Many partner companies

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Protective Cover



RH	33	(10) 高麗
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Usage	Possible damage to the bumper or body Product protection and work efficiency
Applicable mode	All models
Material used	PP, PE etc.
Major customers	Hyundai - Domestic, Overseas Kia - Domestic, Overseas

Product packaging TARY







Usage	When transporting the product packaging of GRANISH類 Poor appearance and damage prevention
Applicable mode	All models ITEM
Material used	PP, PE, PET etc.
Major customers	Saedong, Hungaforming and many more

Main Production Lines

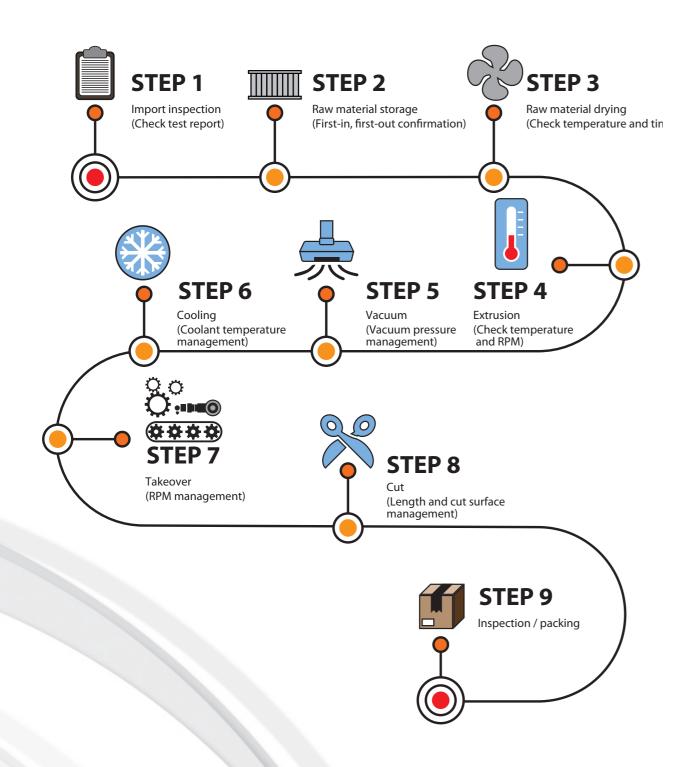


Division	Size and quantity	Producer	Test Name	Size and quantity
	30 mm - 5units	POONGKWANG	V/C	7
	35mm - 2units	POONGKWANG	Projector	1
	50mm - 12units	POONGKWANG	Electronic scale	3
Extruder	65mm - 4units	POONGKWANG	Heat resistant chamber	1
	70mm - 2units	POONGKWANG	Combustibility testing machine	1
	80mm - 2units	POONGKWANG		
	100mm - 1units	POONGKWANG		
Sum	27units	POONGKWANG		
Cutter	24units	POONGKWANG		<i>.</i>
	Size and quantity	Producer		
Other	Press(1 ton) - 4units	POONGKWANG		-
	Vacuum Molding Machine (Large, Medium) - 4units	POONGKWANG	The a a	2 04

10 . 11

BEST TECHNOLOGY FOR WIND MENSATISTACTION

Process Summary



Core Process F / PROOF Inspection Detail

Raw Raw Prev Res 2 M Mo

Raw material automatic supply device installed and moisture

- Raw material automatic feeding device (auto feeding) system construction
 Prevent drying by notification of raw material input
 Residual level sensor and alarm in dry hopper
- 2 Moisture Meters
 Moisture content inspection: Measurement of moisture content during import inspection and before molding raw materials

2

Secure the extrusion temperature controller and install the

Prevent molding defects by securing mold temperature maintenance equipment
 Completed installation of warning lights for each extruder (13 units) of temperature controller



Molding condition alarm device and computerized

Computerization of molding condition management
 Beep sound when molding condition is out of specification
 Installation of warning lights is completed to operate the sensor at cooling water temperature ± 5 °C.
 Molding condition management: Operation details computer systemrecord (after February)

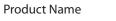


Independent inspection standard setting and inspection result

Compliance with inspection procedures to prevent spills
 Inspecting 5EA appearance and dimensions by number of samples
 Dimensional inspection computerized registration management

Plastics





Applicable model Application area material



Spherical SLIDE

TL **SUNROOF** P.P

TPE

E_PRO(B)

DM

2/C

P.P



Product Name A1 STAPLE

Applicable model Application area material



TQ, LX2

H/R

P.P



Product Name

BIG HOOK(B)

Applicable model **Application area** material



Product Name

Applicable model Application area material



T/HOOK"F"

LX2 F/C P.P



Product Name FABRIC SEAL TM TYPE

Applicable model Application area material



PANORAMA SUNROOF

TM, DN8, DL3

LINE PLATE(A)

HMC(All models),

KMC(All models)

H/R

P.P

Applicable model Application area material



Product Name

HOOK A

TQ, HM, TL, LX2 F/B, R/B P.P



DECORATION COVER Product Name

Applicable model material

Н **Application area** PANORAMA SUNROOF



Product Name

E_PRO(A) Black

Applicable model HR, TQ, HM, DM, TL, LX2 **Application area** F/C material P.P



Product Name

E_PRO(A) White

H/R

P.P

F/B, H/R

Applicable model HR, TQ, HM, DM, TL, LX2 **Application area** F/C material P.P



Product Name

Applicable model **Application area**



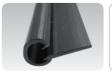
RBr, DM, NC SEAT CUSH/BACK material P.P



Product Name

Applicable model

Application area material P.P width 10mm, 12mm 15mm, 17mm



T_HOOK(F) **Product Name**

Applicable model Application area material

TQ, LX2 F/C P.P



Product Name

material

Applicable model Application area



Product Name

Applicable model Application area material



TL F/C P.P



Product Name

E_PRO(F)

Applicable model **Application area** material



TWO TONE TL, LX2 F/B P.P + P.E





Product Name

Applicable model Application area material



P.P

T_PRO(A) Black

HR, TQ, HM, DM F/C, F/B, R/B



Product Name

Applicable model Application area material



T_PRO(A) White

HR, TQ, HM, DM F/C, F/B, R/B P.P



Product Name

Applicable model Application area material



SUNROOF

Nairon Black

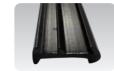




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SEAT COVER Finish

material



Product Name

Applicable model Application area material



Product Name



DECORATION COVER

Applicable model HL **Application area** PANORAMA SUNROOF material TPE



Product Name LWR CVR 1

Applicable model Application area material



RJ RR GLASS TPE



Product Name

Applicable model Application area material



LWR CVR 2

RR GLASS

HL

TPE

Product Name

material

Applicable model Application area

ON W_S M.D

ON FRONT GLASS PVC



Product Name

Applicable model Application area material

TM W_S M.D

TM FRONT GLASS PVC



Product Name

Applicable model **Application area** material



FB R_G M.D

FB

B-BAND

RB

2/B

P.E

RR GLASS PVC



Product Name

Application area material



Applicable model



FB

PVC

FRONT GLASS

FB W_S M.D

material



Application area



PE-CLIP(C)

TL Applicable model F/C P.E



Product Name

Applicable model Application area

material



PE-CLIP(H)

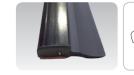
LX2 **Applicable model** CUSH **Application area** P.E material

Product Name



DRAIN HOSE

All models A/C PVC



Product Name

Applicable model Application area material



GSR FRONT GLASS PVC



Product Name

Applicable model Application area material



IK R_G LWR

PVC



Product Name

Applicable model **Application area** material



IK R_G UPR

ΙK R_G PVC



Product Name

Applicable model Application area material



W_S STRIP LWR

UM, JF A-PLR PVC



Product Name

Applicable model Application area material



W_S STRIP UPR

UM, JF A-PLR PVC



Product Name

Applicable model Application area material

IKW SM.D

ΙK FRONT GLASS PVC





Applicable model Application area material



Hose

PVC



MEMO

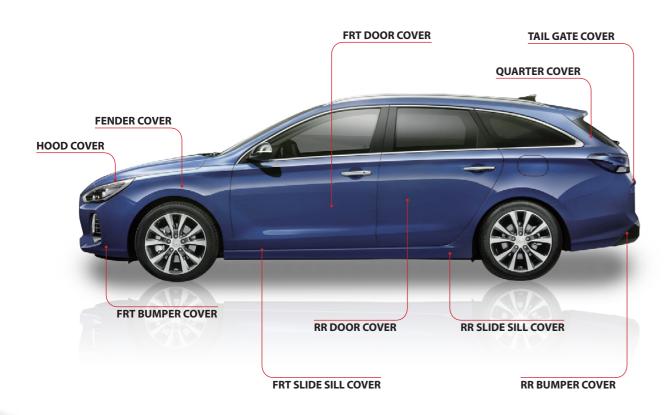




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BEST TECHNOLOGY FOR WIND MENS AT SEACTION

Protective Cover & Tray Product



Protective cover photo

Fender Protection Cover JD CAR



Seal side protective cover JD CAR



Quarter Protective Cover JD CAR



BEST TECHNOLOGY TO THE MENSATISTACTION

Bumper protective cover







Front protective cover





Protective cover photo



Protective cover loading picture





TRAY Product



TRAY SIZE 大

Material P.P, PS, PET



TRAY SIZE 中

P.P, PS, PET Material



TRAY SIZE 小

Material P.P, PS, PET

Main product extrusion - PANORAMA SUNROOF PART





ANTI NOISE TUBE YF, FS, DM, XM F/L Material TPE

FOLDING COVER

GB3DR, PF, TL, JF, QL



NOISE REDUCTION Name SHEATH

YF, FS, JD3DR Model Material TPE

SLIDE Name GB3DR, TL, JF, QL Model

Material



Name Model Material PP

Model

Material TPE

FABRIC SEAL HG.LM,DM,LF,PF etc.



FIXING PLATE Model

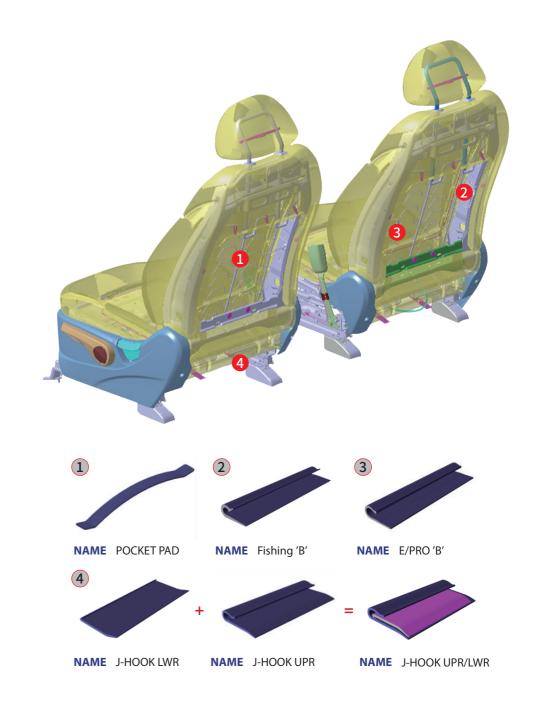
KH, LF, GB5DR Material PP+TPE10

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Main product extrusion – SEAT COVER'G Part (F/C, H/L)

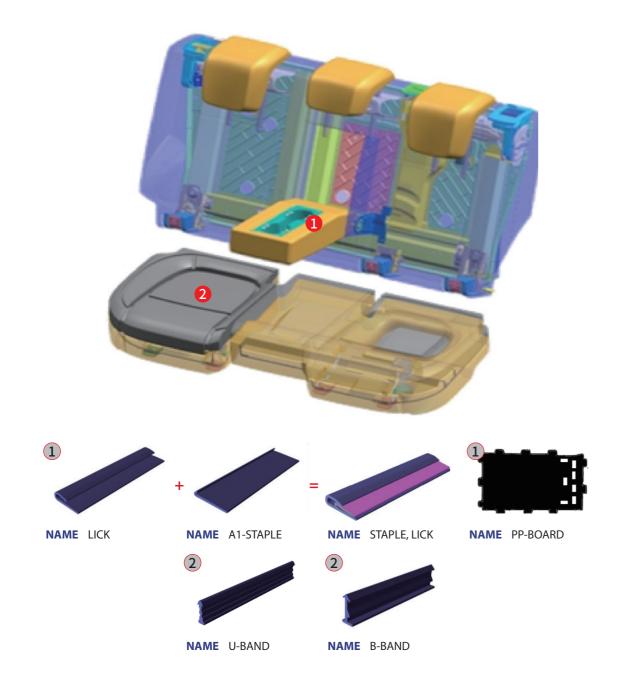
NAME AQ PROTECTOR NAME PE CLIP'A' NAME E/PRO'A' NAME LICK NAME 'The' STAPLE

Main product extrusion – SEAT COVER'G Part (F/B)



BEST TECHNOLOGY FOR WIND MENSATISFACTION

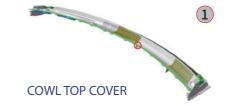
Main product extrusion – SEAT COVER'G Part (RR)



Main product extrusion Part











Name STRIP-COWL TOP COVER

Model LC

Material TPO

STRIP_RADIATOR GRILL



Name STRIP_T/LID GARNISH
Model YF
Material PVC



Model JM Material PVC



Name BUMPER MLD'G FRT
Model GRC, XG, EF
Material PVC