

≡ HIGH PERFORMANCE ≡
MOON

FU GANG CO., LTD

COMPANY INTRODUCTION
Version 2022



1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

5

Strength

6

Summary

≡ HIGH PERFORMANCE ≡
MOON

FU GANG CO., LTD.

Establishment: 7th, April, 1989

Location: Letzer Industrial Park, Yilan County, Taiwan

Land : Plant 1 → Building Estate Area → 3,000 m²

Plant 2 → Building Estate Area → 4,000 m²

Capacity: 2~3 Million pcs / Year

Employee: ~72

Plant 1



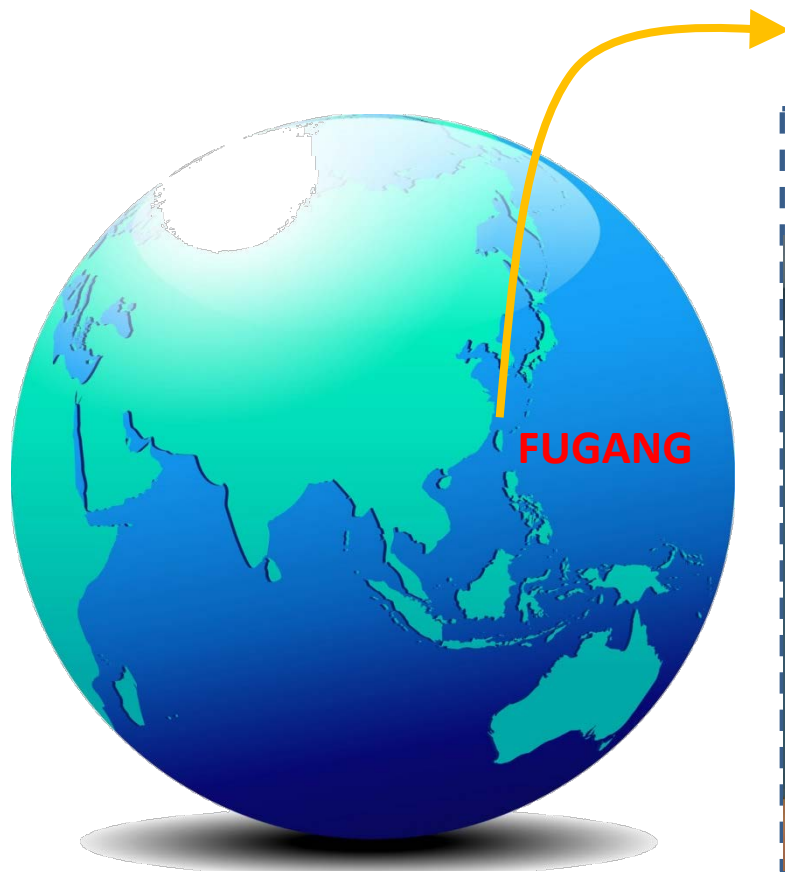
Plant 2



Operate From August / 2020

ABOUT FUGANG >>

FUGANG is one of the world best company specialized in producing windshield wiper blades with headquarter / Factory in Taiwan. Established in 1989, for more than 30 years, FUGANG has been the leading manufacturer of wiper blade.



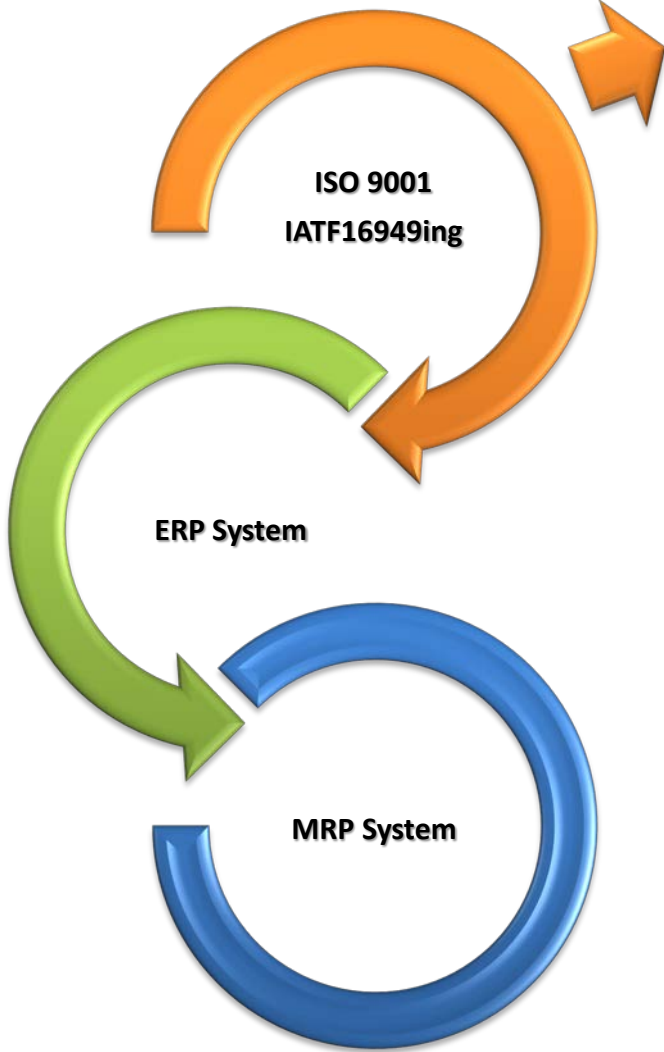
FUGANG

Location: Yilan County , Taiwan

Established: 7th. April. 1989



Company Overview



1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

5

Strength

6

Summary



1.Stamping



2.CNC Bending



3.Heat treatment



4.Auto Rivet



8.Pack



7.Assemble



6.Injection

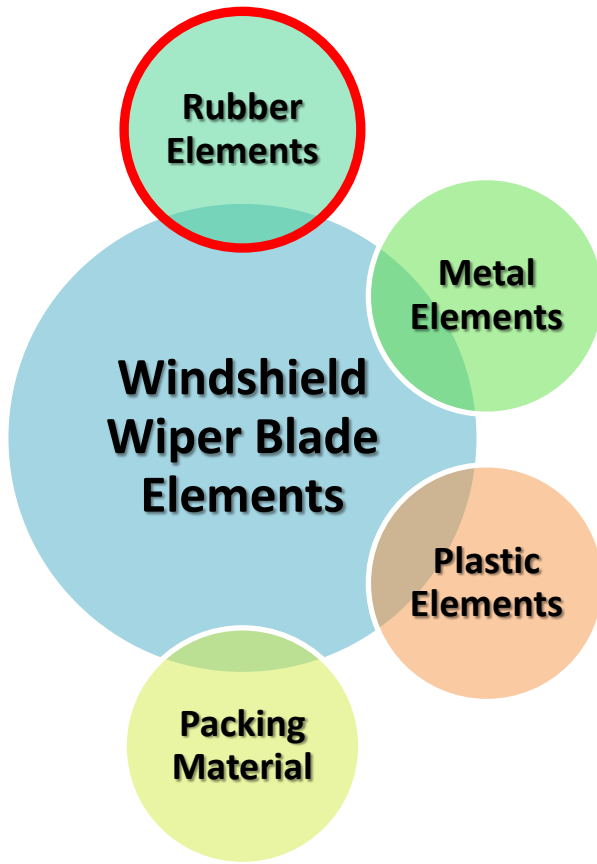


5.Painting

Fu Gang
Produce
Process



Manufacturing



Rubber
Elements

Metal
Elements

Windshield
Wiper Blade
Elements

Plastic
Elements

Packing
Material

1. Incoming of Raw Materials



2. Stamping



3. CNC Bending



4. Clamp Riveting



5. Tempering



6. Painting



7. Assembly



Rubber
Elements

Metal
Elements

Windshield
Wiper Blade
Elements

Plastic
Elements

Packing
Material



(A) 6 automatic injection machines (130-160T).

(B) Parametric standardization.

(C) Monitoring process.

Rubber
Elements

Metal
Elements

Windshield
Wiper Blade
Elements

Plastic
Elements

Packing
Material



(A) Multi heat-sealing blister machines to maintain the quality.

(B) Packaging machine to save the labor cost and control the quality.

(C) Organize production to achieve high capacity.

(D) All-day monitoring process.

Facility photo

Stamping line



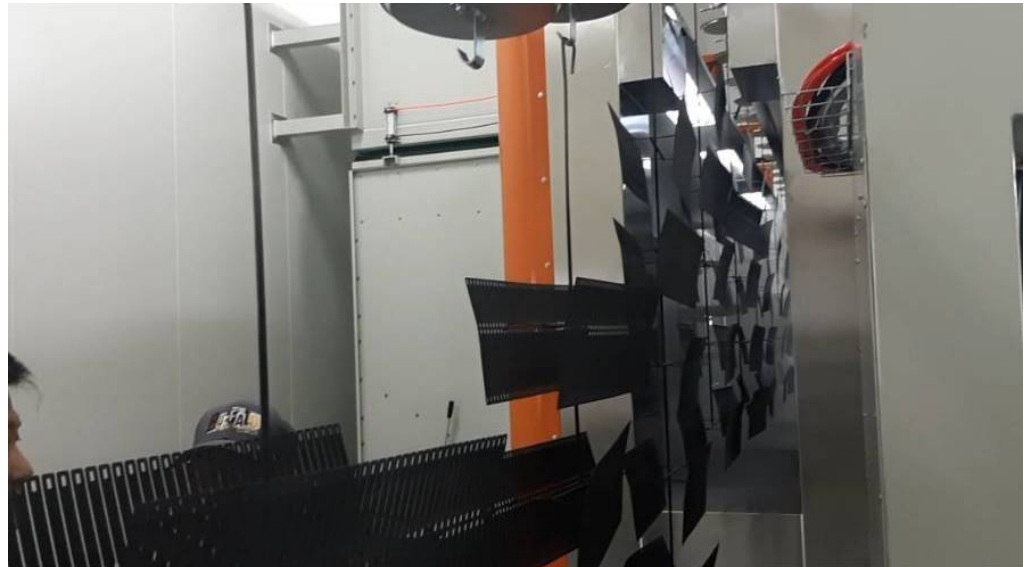
Facility photo

Auto & Man power assemble line



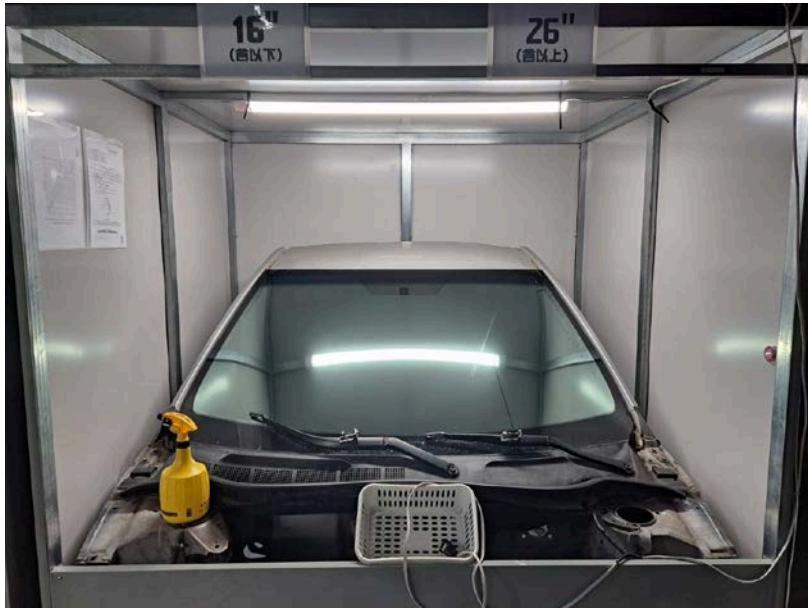
Facility photo

Painting line



Facility photo

Wiping Test room



Facility photo

Injection line



Facility photo

Packing line



1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

5

Strength

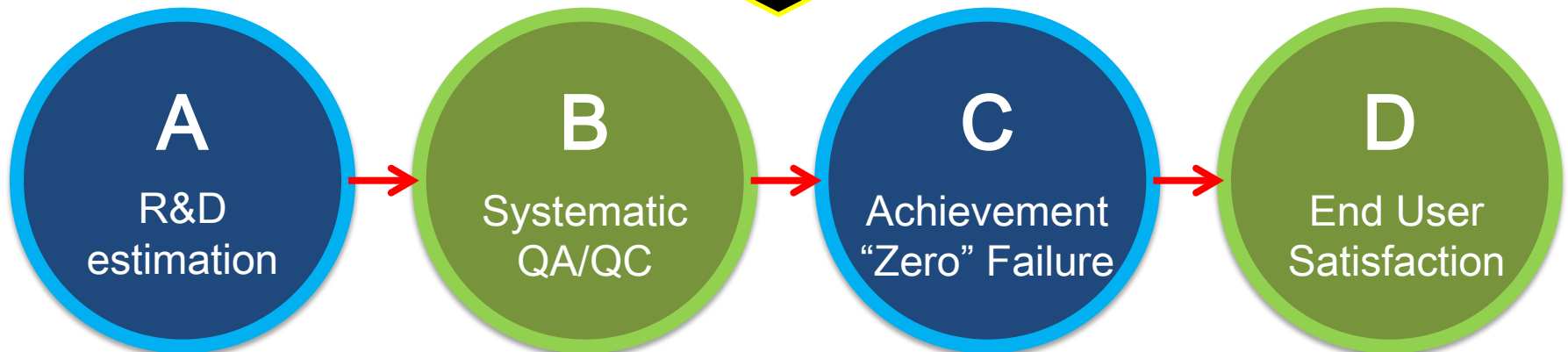
6

Summary

- ISO-9001
- D.U.N.S.
- Now Applying : IATF 16949

QUALITY OBJECTIVES

- To secure unified quality by observing work standards
- To guarantee the best quality by flawless reliability tests
- To maintain high quality through continuous training and education



ISO 9001



Certificat

Certificate

N° 2014/61303.2

AFNOR Certification certifies that the management system implemented by:
AFNOR Certification certifie que le système de management mis en place par :

FU GANG CO., LTD.

for the following activities:
pour les activités suivantes :

MANUFACTURE OF WIPER BLADES FOR AUTOMOBILES.

has been assessed and found to meet the requirements of:
a été évalué et jugé conforme aux exigences requises par :

ISO 9001 : 2015

and is developed on the following locations:
et est déployé sur les sites suivants :

NO. 65, LIGONG 2ND RD., WUJIE TOWNSHIP, YILAN COUNTY 268, TAIWAN

This certificate is valid from (year/month/day)
Ce certificat est valable à compter du (année/mois/jour)

2017-08-18

until
Jusqu'au

2020-07-08



Ce document est signé électroniquement. Il constitue un original électronique à valeur probatoire.
This document is electronically signed. It stands for an electronic original with probative value.

Franck LEBEUGLE
Managing Director of AFNOR Certification
Directeur Général d'AFNOR Certification



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D.U.N.S.

This is to certify the following subject passed the Authentication & Verification process of D-U-N-S® Registered™
茲證明以下公司已成功通過鄧白氏企業認證



D-U-N-S® Registered™ Certificate

鄧白氏企業認證證書

Company Name: 公司名稱:	FU GANG CO., LTD.	復岡有限公司
Address: 地址:	65, Ligong 2nd Rd., Wujie Township, Ilan County	宜蘭縣五結鄉利工二路65號
Place of Issue: 頒發地點:	Taiwan	台灣
Business Registration Number: 統一編號:	23689028	
D-U-N-S® Number: 鄧白氏編號:	05-844-0891	
Validity: 生效日期:	From 2018 May 7 to 2019 May 6	



Kelly Liu
DUN & BRADSTREET INTERNATIONAL, LTD.
TAIWAN BRANCH

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1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

5

Strength

6

Summary



**Front Wiper System
(FWS)**

1. Wiper blade (fugang)
2. Wiper arm (fugang)
3. Wiper linkage (out source)
4. Motor (out source)



**Rear Wiper System
(RWS)**

1. Wiper blade (fugang)
2. Wiper arm (fugang)
3. Motor (out source)



Wiper blade system

1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

Flat / Beam Blade

5

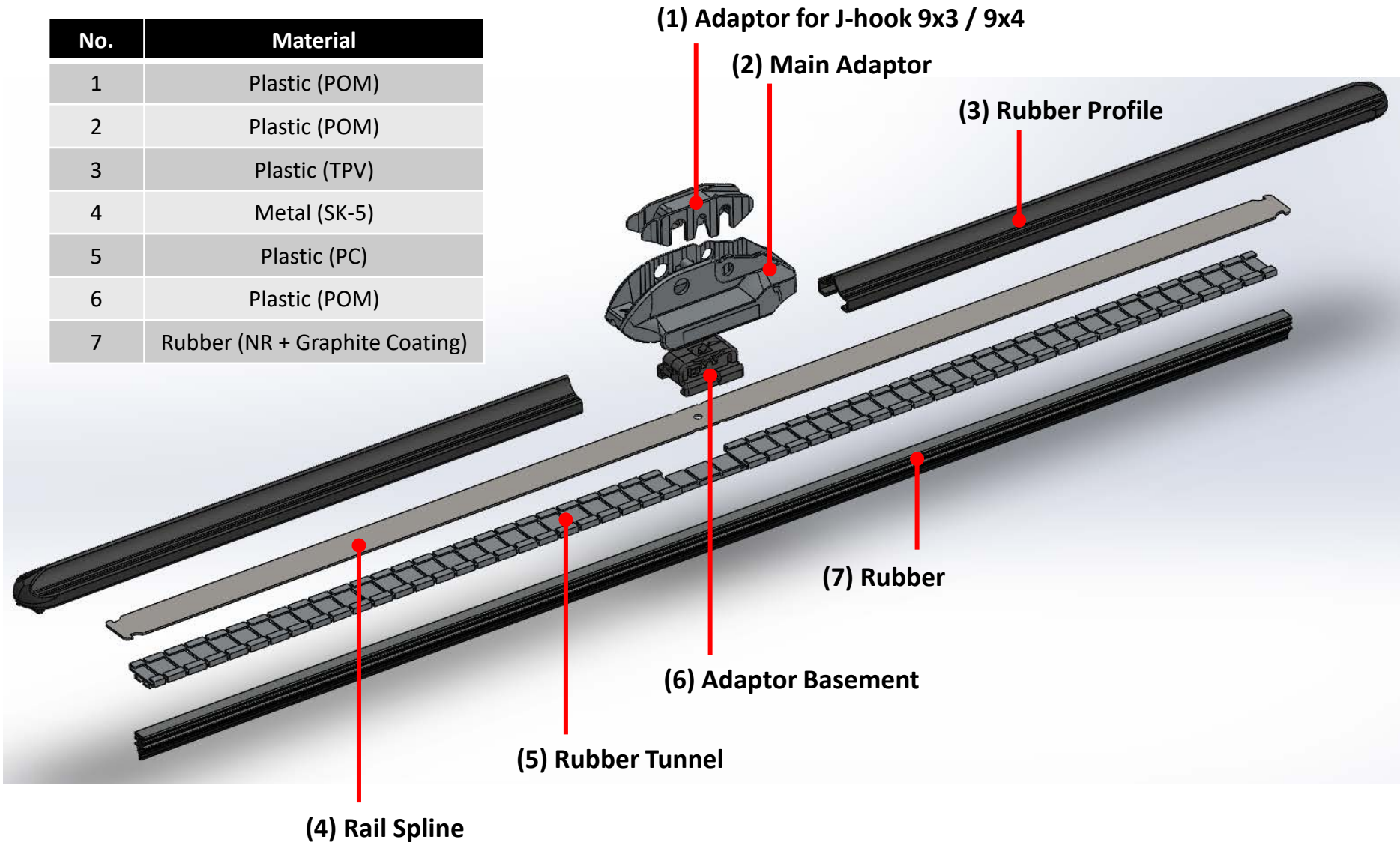
Strength

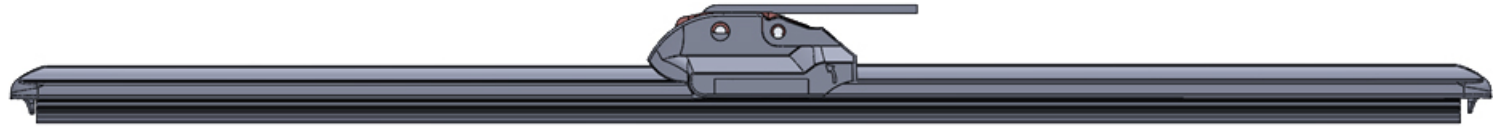
6

Summary

PRODUCT LINE

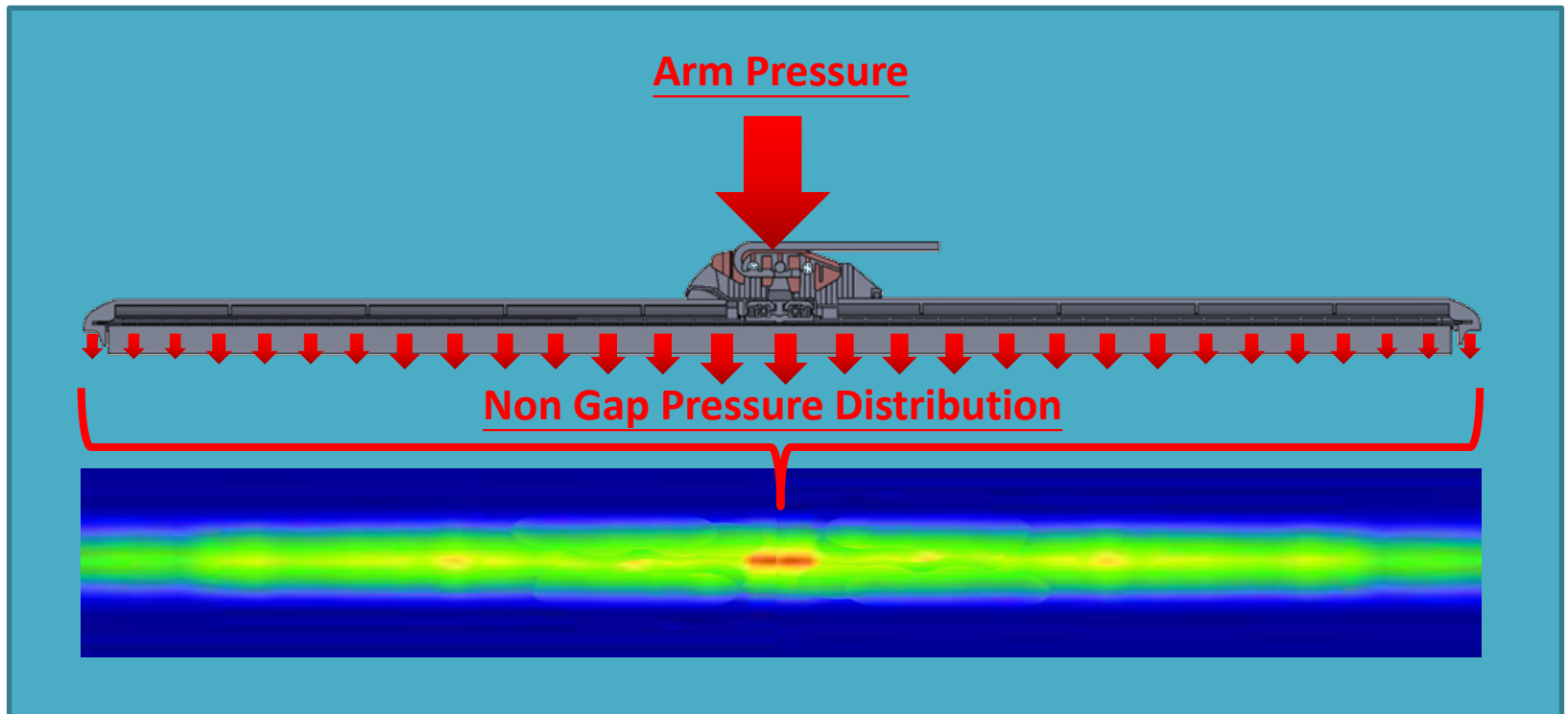
No.	Material
1	Plastic (POM)
2	Plastic (POM)
3	Plastic (TPV)
4	Metal (SK-5)
5	Plastic (PC)
6	Plastic (POM)
7	Rubber (NR + Graphite Coating)



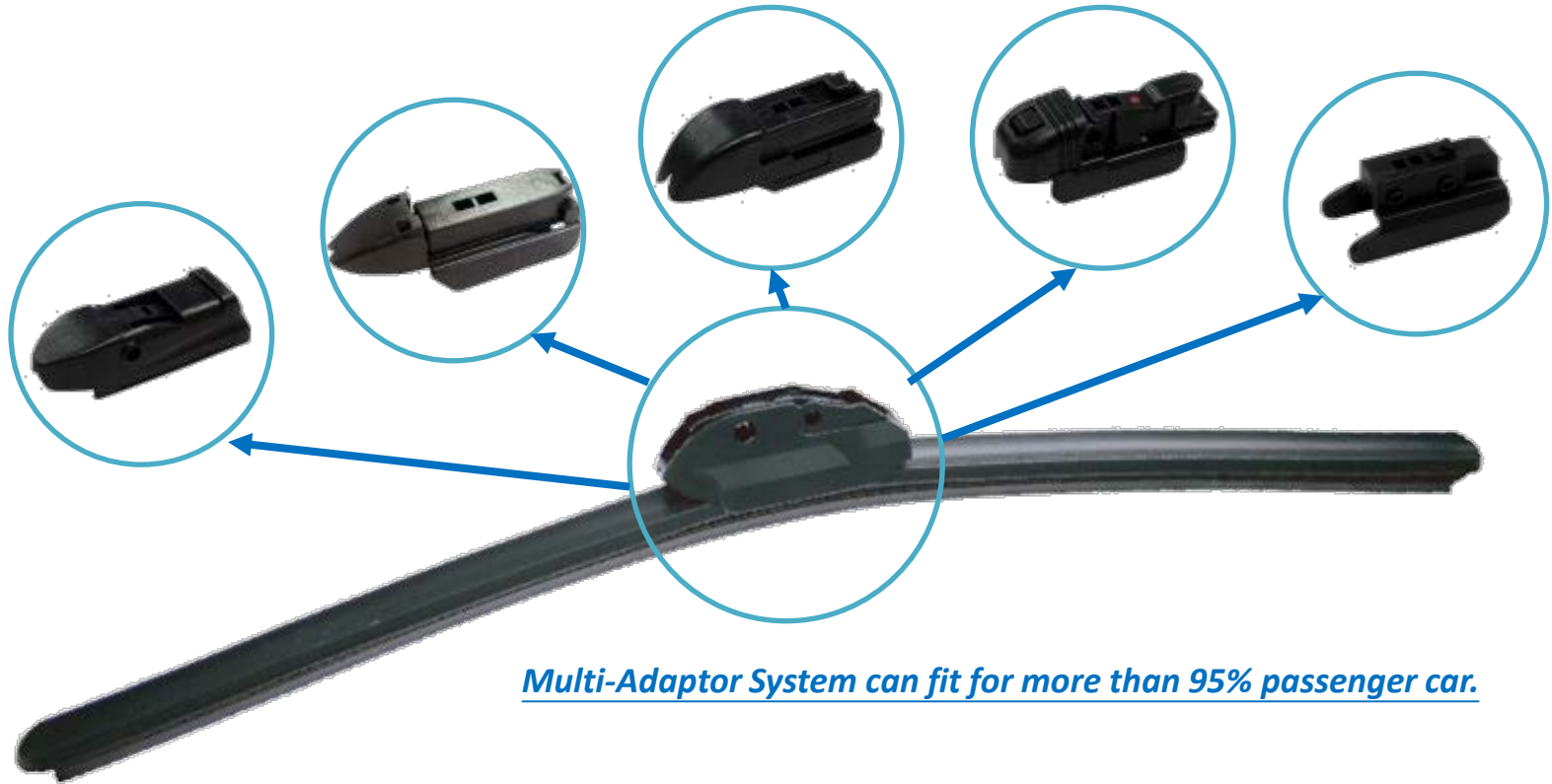


Advantage

Aerowavy blade can make the arm pressure become uniform transmission to each length of rubber, then form a uniform pressure distribution on the windshield. It will maintain a stable wiping especially in high speed driving.



PRODUCT LINE



Multi-Adaptor System can fit for more than 95% passenger car.



PRODUCT LINE

A02

WIPER ARM:
J-hook 9x3 / 9x4

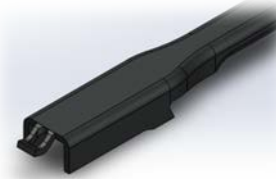


WIPER ARM:
Side Lock 4.7 / 6.5



C02

WIPER ARM:
Pinch Tab



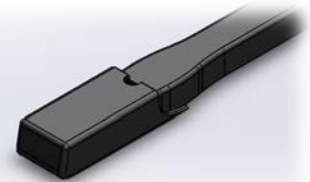
WIPER ARM:
Pinch Tab Button



K02

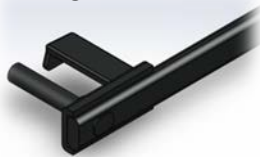


WIPER ARM:
Top Lock



B02

WIPER ARM:
Side Pin 19 mm

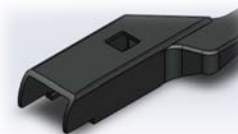


WIPER ARM:
Side Pin 22 mm



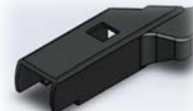
D02

WIPER ARM:
Push Button 22 mm

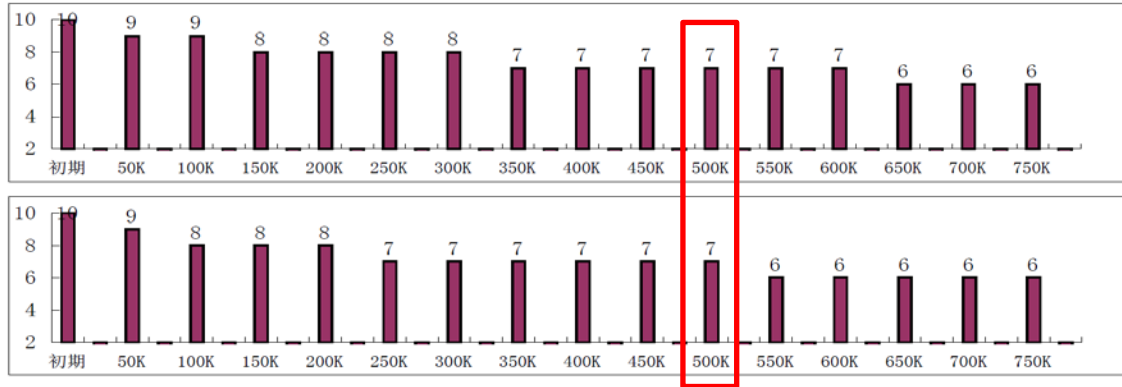


I02

WIPER ARM:
Push Button 19 mm



測試報告 TEST REPORT		报告编号 No: DUR-20191121-09															
		报告日期 Date: 2019.11.21															
测试类型 TestType	寿命测试 Wipe Durability Test	客户名称 Customer	QA														
品名/品号 Part Number/ Part Name	106-NR-22"	测试设备 Equipment	A3570-53-3100														
胶条 Rubber	测试时间段 Test Period	2019.11.04-2019.11.21														
批号 Lot No.	依据标准 Test Criteria	SAE J903														
测试步骤 Test Procedure																	
刷拭次数 Cycle	初期	50K	100K	150K	200K	250K	300K	350K	400K	450K	500K	550K	600K	650K	700K	750K	
玻璃清洁 Glass cleaner	9:15	8:20	16:25	13:20	8:05	8:35	15:15	8:17	8:35	19:50	19:35	17:55	19:30	18:35	18:05	16:15	
速度 Wiping speed	60	60	60	61	60	60	60	60	40	40	40	40	40	40	40	40	
角度 A/ANGLE	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	
压力 Arm pressure	831g	831g	831g	831g	831g	831g	831g	831g	831g	831g	831g	831g	831g	831g	831g	831g	
外观 Visual	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
刷拭 Wiping	U	10	9	9	8	8	8	8	7	7	7	7	7	7	6	6	6
	D	10	9	8	8	8	7	7	7	7	7	7	6	6	6	6	6
环境温度 Temperature	22.6℃	24℃	24.2℃	22.2℃	20.6℃	19.8℃	20.7℃	19.7℃	20.1℃	20.2℃	20.6℃	22.3℃	21.3℃	20.1℃	19.7℃	21.5℃	
环境湿度 Humidity	54%	39%	56%	49%	71%	64%	59%	61%	75%	58%	59%	60%	56%	54%	48%	52%	
测试日期 Date	11-4	11-5	11-5	11-6	11-7	11-8	11-11	11-12	11-13	11-14	11-15	11-16	11-18	11-19	11-20	11-21	



M-106 can still maintain grade 7 after 500K cycles wiping, then we continue to test to 750K cycles.



1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

Hybrid Blade

5

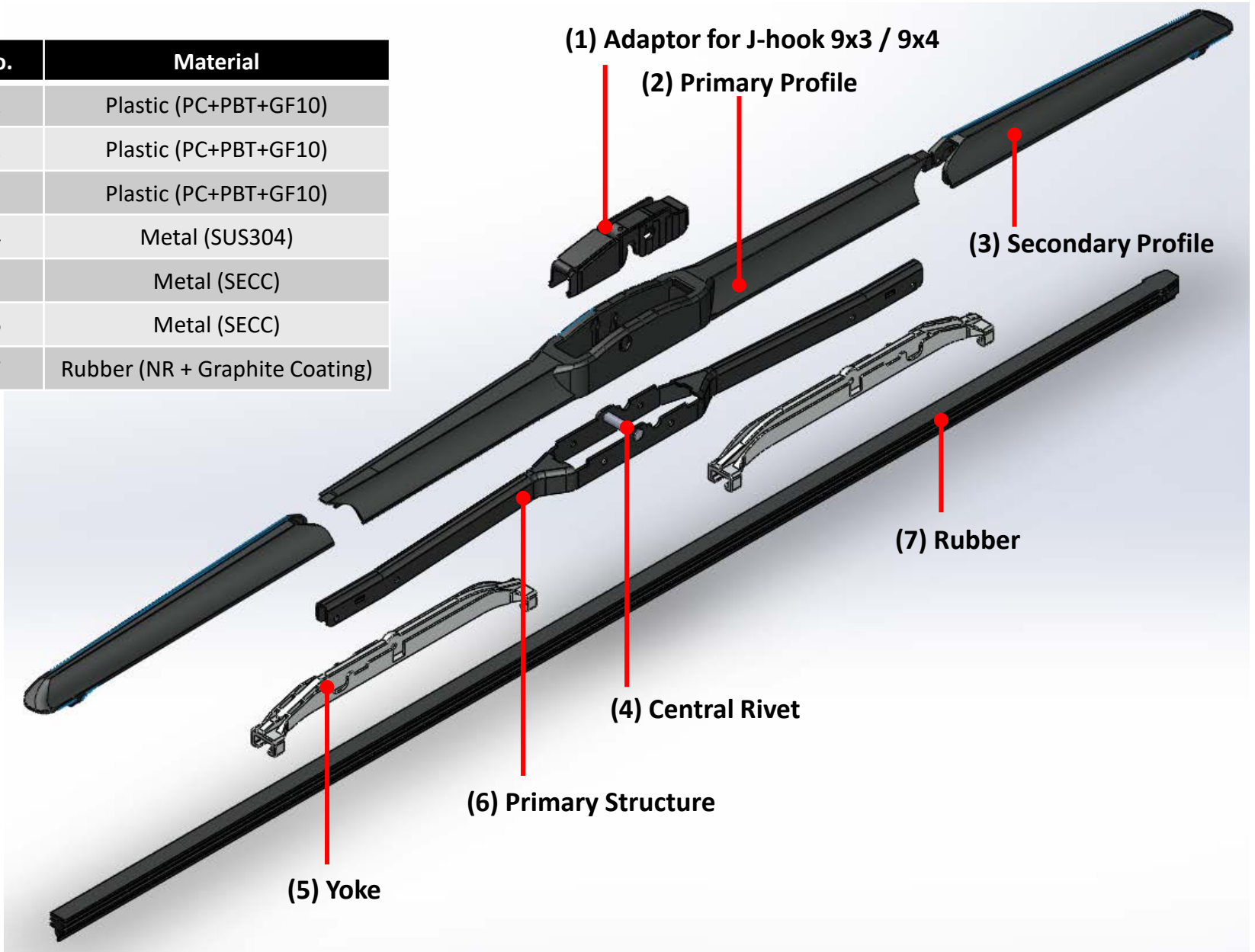
Strength

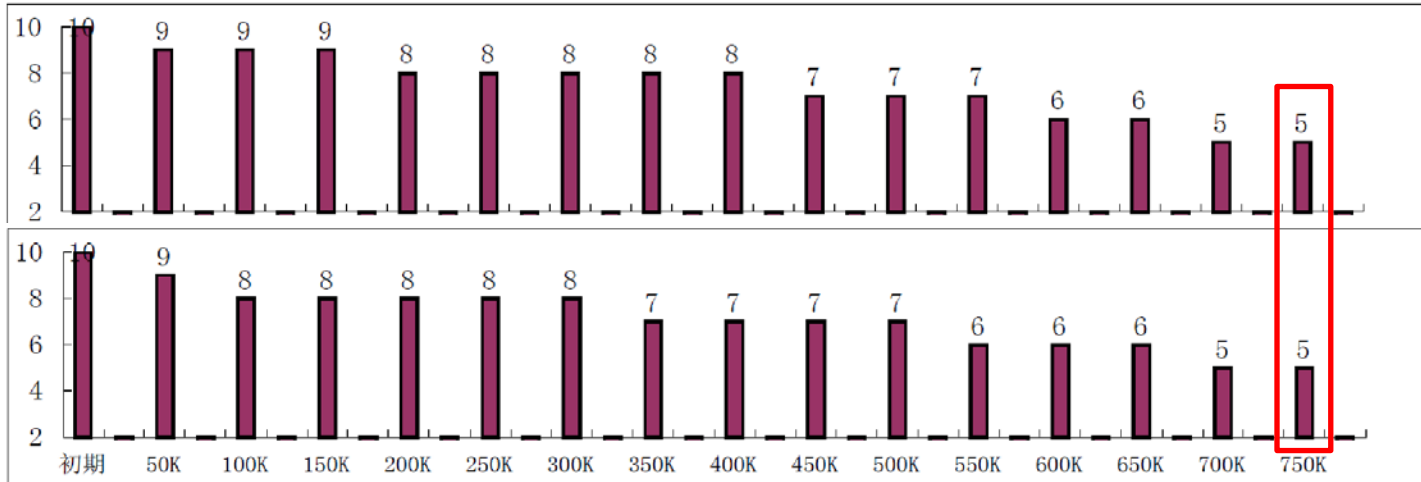
6

Summary

PRODUCT LINE

No.	Material
1	Plastic (PC+PBT+GF10)
2	Plastic (PC+PBT+GF10)
3	Plastic (PC+PBT+GF10)
4	Metal (SUS304)
5	Metal (SECC)
6	Metal (SECC)
7	Rubber (NR + Graphite Coating)





Up Site
750K CYCLES WIPING



Down Site
750K CYCLES WIPING

M-1000 can still maintain grade 7 after 500K cycles wiping, then we continue to test to 750K cycles.

1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

Rear Blade

5

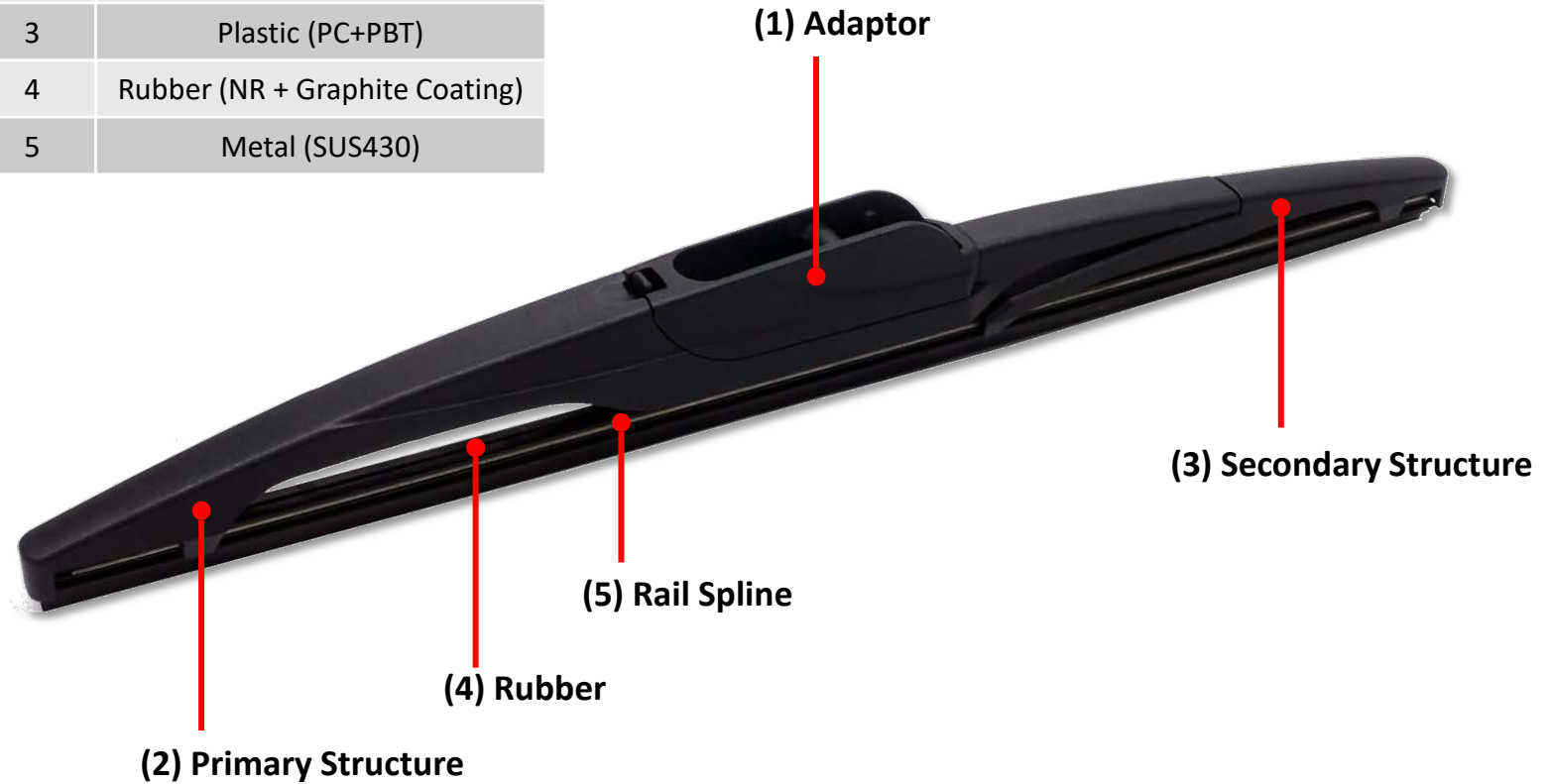
Strength

6

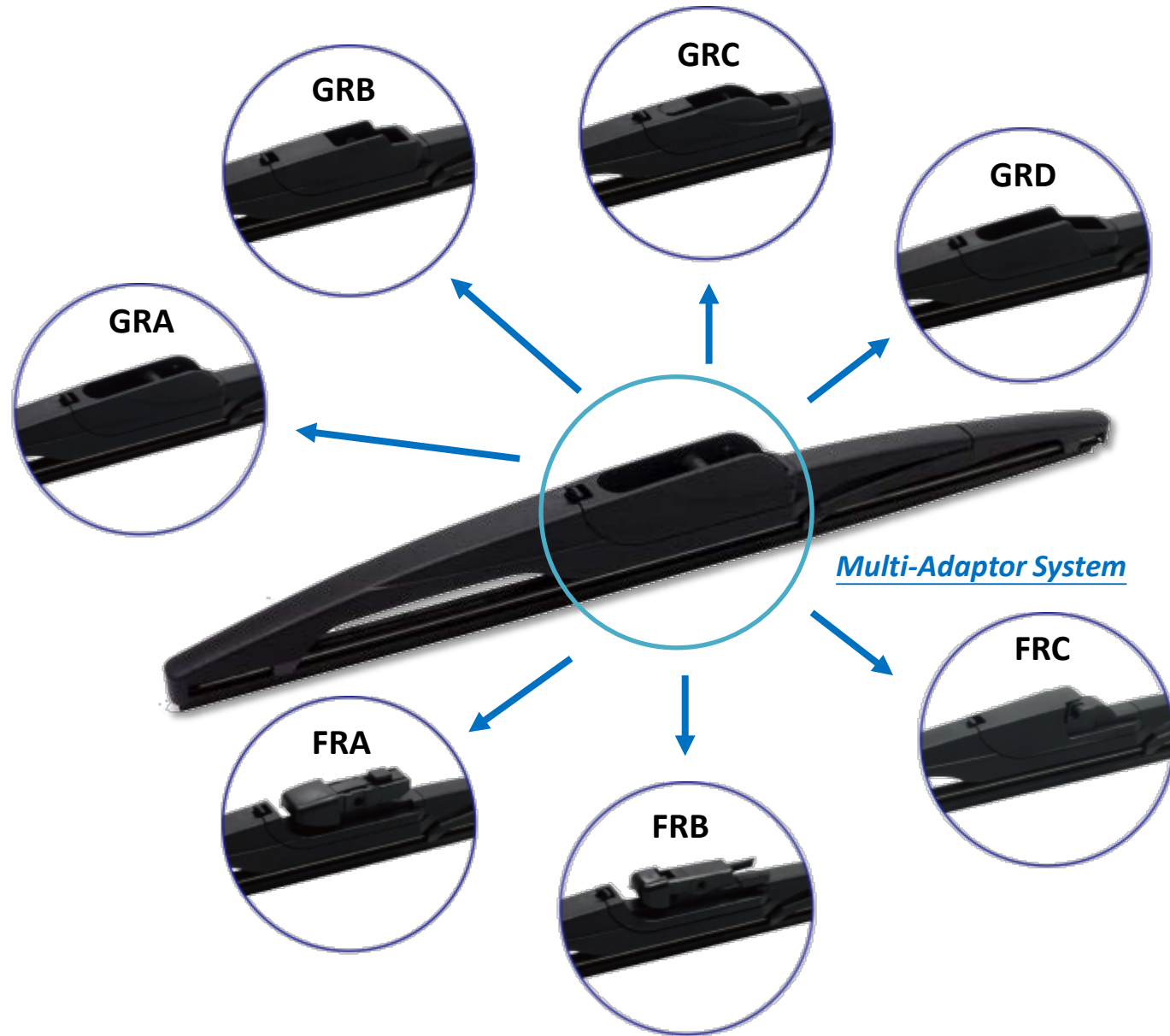
Summary

PRODUCT LINE

No.	Material
1	Plastic (PC+PBT)
2	Plastic (PC+PBT)
3	Plastic (PC+PBT)
4	Rubber (NR + Graphite Coating)
5	Metal (SUS430)



PRODUCT LINE



PRODUCT LINE

GRA



WIPER ARM:
Ø7.0x12mm



FRA



WIPER ARM:
hole 13mm



GRB



WIPER ARM:
Ø7.0x12mm



FRB



WIPER ARM:
hole 11mm



GRC



WIPER ARM:
Ø4.0x11mm



WIPER ARM:
Ø4.0x11mm



FRC



WIPER ARM:
hole 15mm



GRD



WIPER ARM:
Ø4.0x11mm



1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

Winter Blade

5

Strength

6

Summary

PRODUCT LINE

Winter Blade - M-W1



Winter Blade - M-W1M



Model	M-W1	M-W1M
Description	Universal type	Special type
Pressure point	14"-15": 4 16"-21": 6 22"-26": 8	14"-15": 4 16"-21": 6 22"-26": 8
Application	9x3 / 9x4 J-hook	10 kinds arm with 2 adaptors
SKU	14"-26"	14"-26"
Adaptor -Acid Etching	Plastic (POM) Yes	Plastic (POM) Yes
Rubber -Coating -Profile	NR Graphite 7 mm	NR Graphite 7 mm
Rubber coverage -Acid Etching	CR Yes	CR Yes
Salt spray	350 Hours	350 Hours
Rubber fixing -Acid Etching	Plastic (PC) Yes	Plastic (PC) Yes
Origin	Made in Taiwan	Made in Taiwan

1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

Heavy-duty Blade

5

Strength

6

Summary

WIPER BLADE

M-Heavy Duty Series

- Durable metal construction
- Heavy duty natural rubber wiping element
- Quick and easy installation



M-7 MITSUBISHI SPACE GEAR / FUSO TRUCK

20" 22" 26"
500mm 550mm 650mm



M-8 TOYOTA HINO

20"
500mm



M-9SC SCANIA

24"
600mm

WIPER BLADE

M-Heavy Duty Series

- Durable metal construction
- Heavy duty natural rubber wiping element
- Quick and easy installation



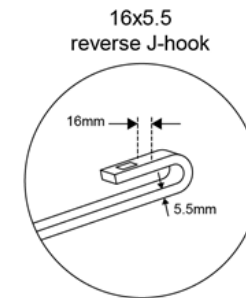
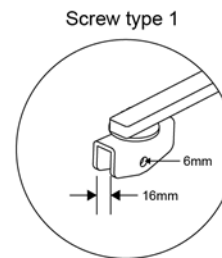
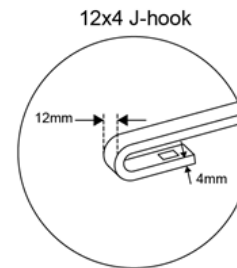
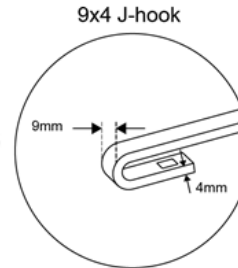
M-701

24" 26" 28"
600mm 650mm 700mm



M-702

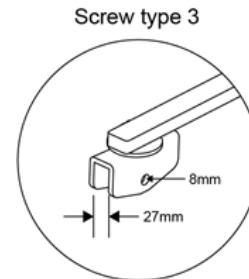
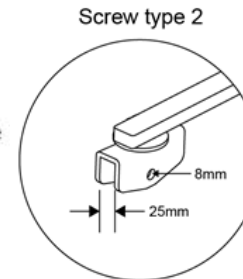
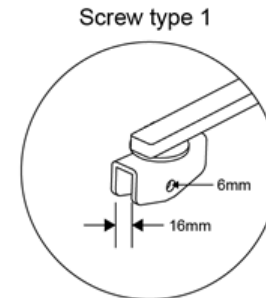
40"
1000mm



WIPER BLADE

M-Heavy Duty Series

- Durable metal construction
- Heavy duty natural rubber wiping element
- Quick and easy installation



1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

Wiper Arm

5

Strength

6

Summary

WIPER BLADE

M-Heavy Duty Series

WIPER ARM



1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

Wiper Chemical

5

Strength

6

Summary

Wiper Washer

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Windshield Washer Fluid Additive

- Product:** Windshield Washer Fluid (High Concentration 1:100)
Specification: 30ml per bottle
Features: Powers off bugs, road grime and salt. Enhances driving visibility, safety and comfort.
Directions: Fill windshield washer reservoir with All Season Windshield Washer Fluid. Then diluting with water to full.
Cautions: Contains denatured alcohol. Keep away from heat, sparks, flames and other ignition sources. Use for temperature $\geq 0^{\circ}\text{C}$ (32°F). Avoid contact with eyes.



HIGH PERFORMANCE
MOON

Windshield Re-fresh



Windshield Refresh Cleaner

Features:

Newly developed particles gel can get rid of scaly spots which conventional compound cleaners cannot. Furthermore, it also can remove fluorine and sticky oil-film deposits and restores the car's original glass-like transparency. A special application pad is included.

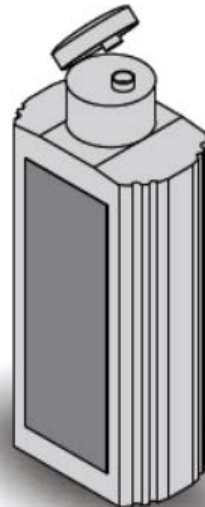
Direction:

1. Remove dust and dirt from glass with water or car washer liquid, then wipe off any water drops remaining on the surface.
2. Before use, shake the bottle well.
3. Pour out the windshield refresh cleaner gel on the windshield, then begin to polish the surface of the glass.
4. Finally, wash the glass cleanly, and check if it has the oil film on the glass, if yes, please repeat the step 3 again.

Content:

Water, dispersion solvent, antibacterial agent, Cerium oxide

Material of bottle: plastic PET (white color)



VIDEO :

<https://drive.google.com/open?id=1w6AJVTomfjoZcB2s5q8ZN-vjOaVz2p56>



== HIGH PERFORMANCE ==
MOON

1

Company Overview

2

Manufacturing

3

Laboratory

4

Product Line

5

Strength

6

Summary

WHY FUGANG ??



REASON 1

FUGANG is one of the best wiper blade manufacturers of the world, we can make the One-Stop Buying goal due to our most complete product line (ex. metal, beam, hybrid, winter, heavy-duty, rear, Marine, Military, Special function...). We can meet all customer's requirements at one time.

REASON 2

FUGANG has the most complete and semi-auto producing facilities, besides, we also have own design wiper auto-assembly lines. We have capacity produce more than 10 Million pcs wiper blade component per year and 2~3 Million finish wiper blade per year with the most stable quality at the same time.



WHY FUGANG ??



REASON 3

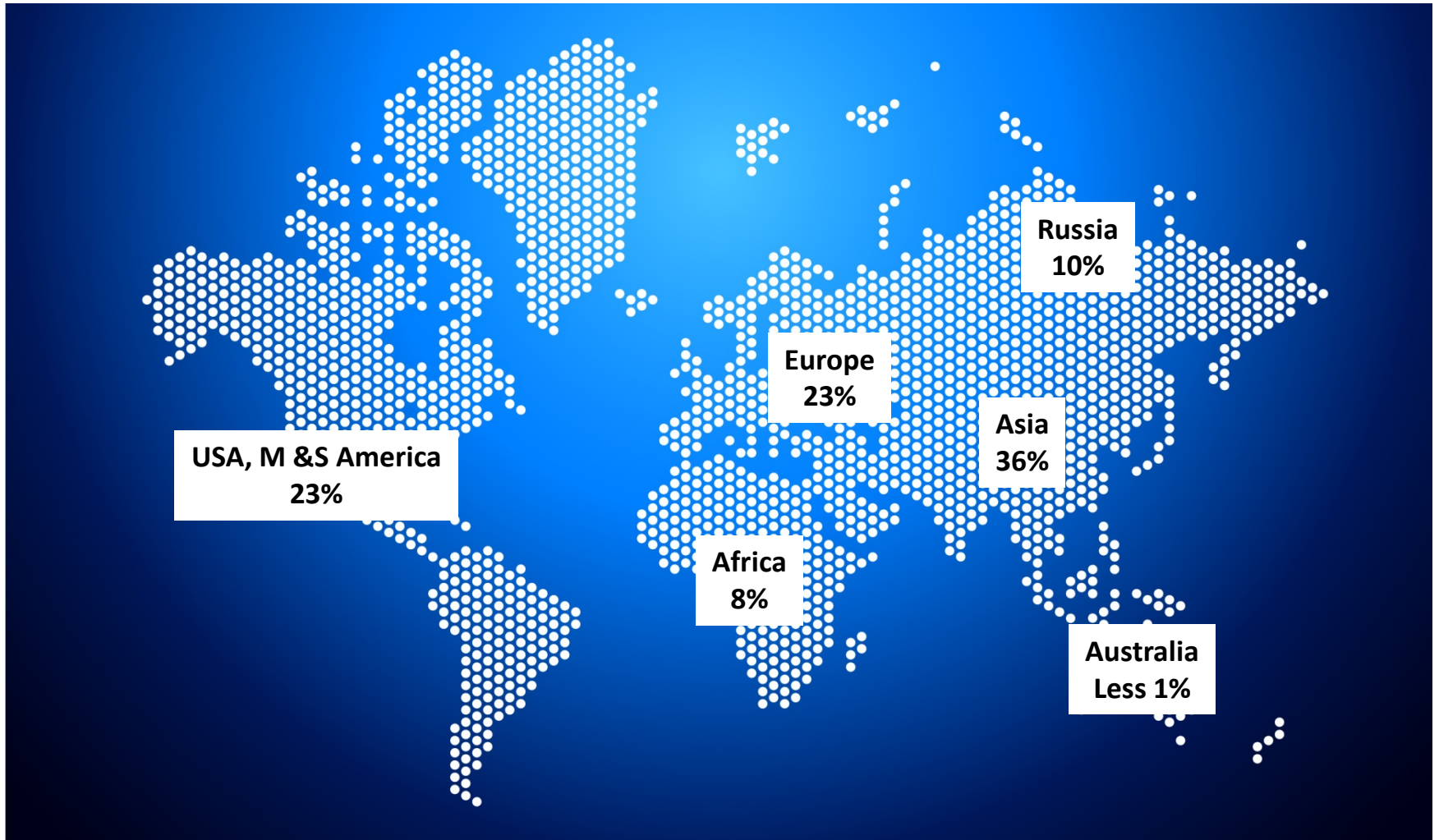
FUGANG has design 3D ability software and facilities in house. We can check and test products with global standard by ourselves, and we can also design new wiper blade model or develop new rubber material in our lab.

REASON 4

FUGANG services many famous brands in aftermarket, and we have many experience in product designing, producing, and factory auditing. We have confidence we can satisfy and match our client's goal.



2021 Fu Gang wiper blade selling %



Strength



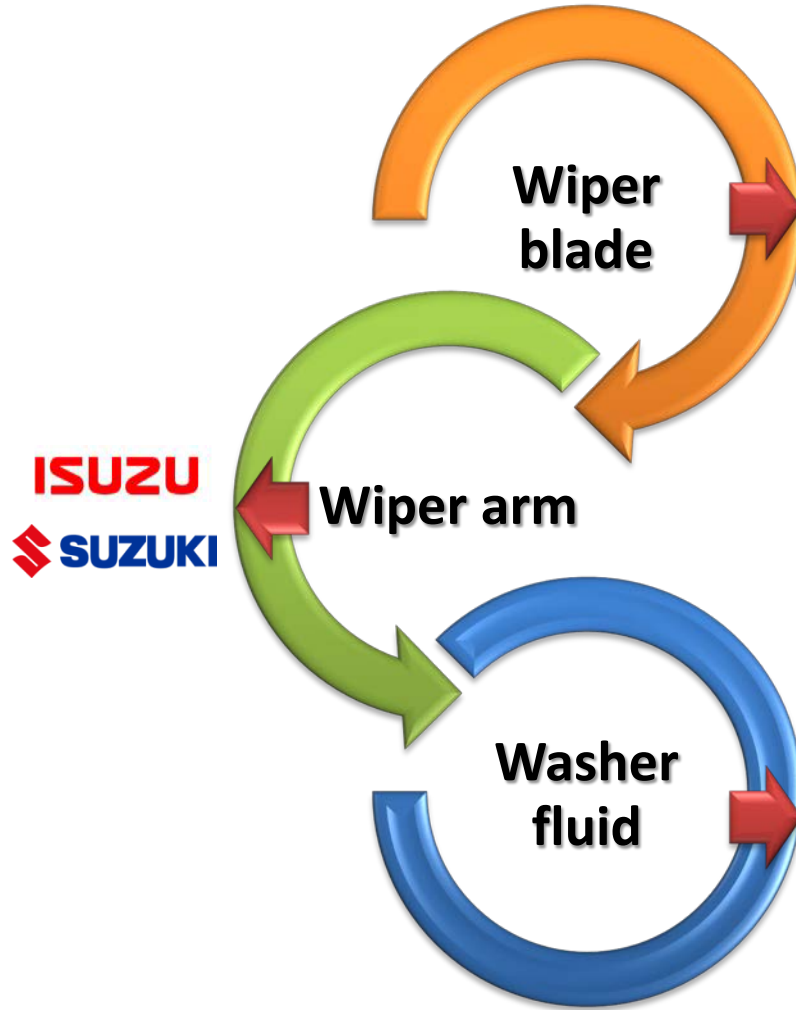
DJ DRIVE JOY



Strength

Car Maker OE&AM

Brand	Country
TOYOTA	Taiwan Indonesia
MITSUBISHI	Taiwan
NISSAN	Taiwan Japan
HYUNDAI	Taiwan
HONDA	Taiwan
MAZDA	Taiwan
FORD	Taiwan
VOLVO	Taiwan Hong Kong
ISUZU	Japan
PACCAR	USA



1

Company Overview

2

Manufacturing

3

Quality Plan

4

Product Line

5

Strength

6

Summary

SUMMARY 1

Fu Gang wiper blade manufacturer has more than 30 years in wiper blade design, development, producing and selling, that's why we available to be many famous brand supply chain.

SUMMARY 2

Fu Gang have many experiences in wiper blade problem fixing, and we can easily help our clients to solve the problems from their end-user.

SUMMARY 3

Besides the business trip to visit customers, **Fu Gang** will join many famous auto-parts exhibitions every year, and we will also collect the latest information of wiper blade and share with our customers.

SUMMARY 4

In order to supply the safety driving environment, **Fu Gang** will do our best to maintain the best wiping and durability, and our customers can be focus on selling the products, don't have to worry the quality issue.

Global Wiper Blade Manufacturer

FU GANG CO., LTD

THANK YOU !!

