



WIPER BLADES

Valeo

FIRST

Make the clever choice



2016



Automotive technology, naturally

Valeo

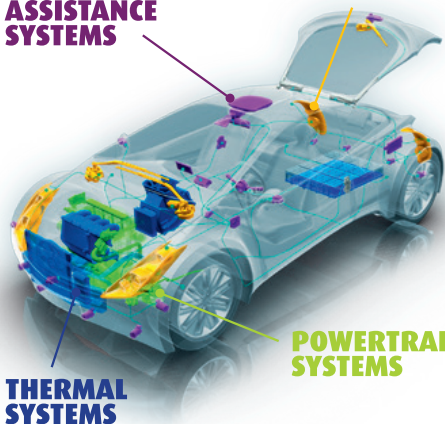
Valeo is an automotive supplier, partner to all automakers worldwide. As a technology company, Valeo proposes innovative products and systems that contribute to the reduction of CO₂ emissions and to the development of intuitive driving.

**COMFORT
& DRIVING
ASSISTANCE
SYSTEMS**

**VISIBILITY
SYSTEMS**

**THERMAL
SYSTEMS**

**POWERTRAIN
SYSTEMS**



SALES:

€ 14,500 M[✱]

82,800

EMPLOYEES WORLDWIDE

at end December 2014

Valeo Service, the aftermarket specialist

Valeo Service supplies original equipment spares (OES) to automakers and replacement parts to the independent aftermarket (IAM). It offers to all aftermarket channels worldwide a wide range of products and services.

PRODUCTS

A diversified but consistent products and services portfolio that adds an average of 3,000 new products a year.

REGIONS

A constantly expanding commercial footprint in over 120 countries with the creation of dedicated replacement part subsidiaries in China, Russia, India, Argentina, North America and ASEAN over the past five years.

CHANNELS

Expertise across all distribution channels from BtoB (traditional outlets) to BtoC (hypermarkets, auto centers) with a growing presence on internet-based channels.

ORGANIZED AROUND FIVE MARKETS

Maintenance

Repair

Crash

Post-Equipment

Trucks



Operating
IN OVER 120 COUNTRIES



FIRST



All front blade technologies

A comprehensive family of wipers

Conventional

Product feat

All-Metal wiper technology

Natural rubber for optimal wipe on windscreen glass, universal pre-mounted adapter for easy and fast fitting, blister packaging for a clear product visibility.

- ▶ 12 part numbers x1 for range flexibility
- ▶ 4 part numbers x2 for high runner lengths
- ▶ Blade lengths from 300 mm to 700 mm

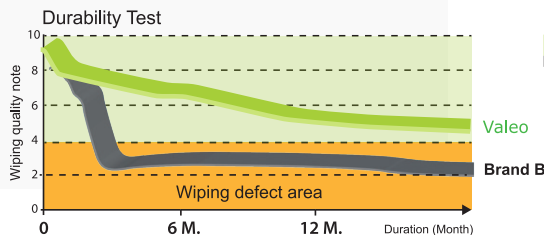
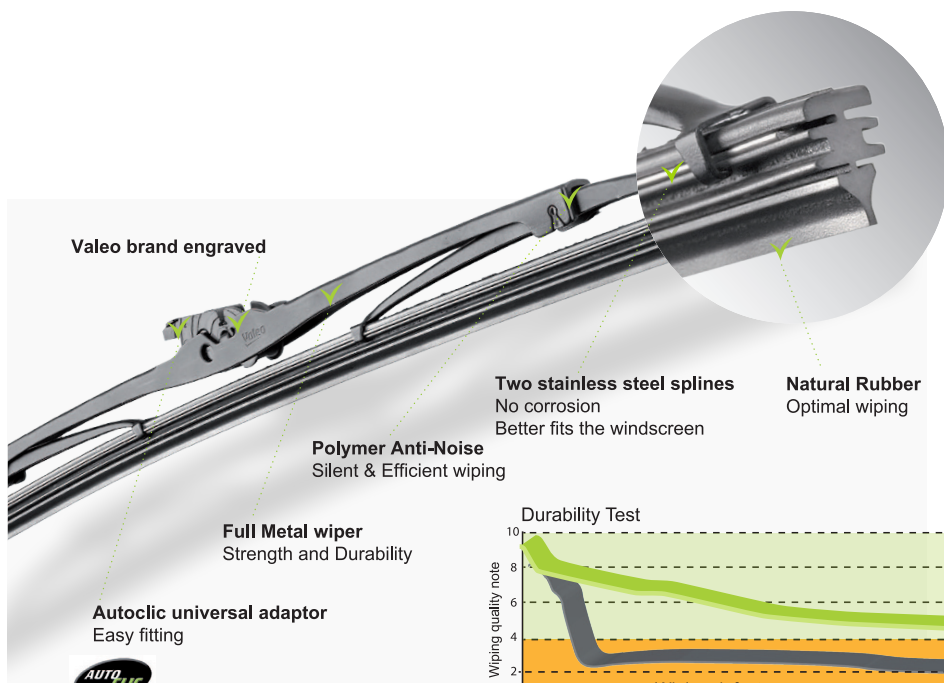
VALEO FIRST CONVENTIONAL BLADE

VS Short code	VS REF.	Unit per Pack	mm/inches
VF12	576412	X1	300 mm / 12"
VF14	576414	X1	350 mm / 14"
VF16	576416	X1	400 mm / 16"
VF17	576417	X1	425 mm / 17"
VF18	576418	X1	450 mm / 18"
VF19	576419	X1	475 mm / 19"
VF20	576420	X1	500 mm / 20"
VF21	576421	X1	525 mm / 21"
VF22	576422	X1	550 mm / 22"
VF24	576424	X1	600 mm / 24"
VF26	576426	X1	650 mm / 26"
VF28	576428	X1	700 mm / 28"

Make the clever choice



Valeo First, the wiper that fits Asean drivers.



Test done in Valeo Issire plant during 48 hours equivalent to one year of usage

Valeo First:
short & simple range
of 12 part-numbers
covering the most
popular Asean cars

- 12 Part-numbers
for the most popular Asean cars
- Full Metal wipers with specific
natural rubber
- Autoclic adaptor for easy fitting

Valeo first, best in class in performance and durability



FIRST



All front blade technologies

A comprehensive family of wipers

Flat Blade

Product features

Pyramid™ technology

Unique spoiler shape for an optimized clean, Tec2 rubber formula for longer lasting performance, fast and simple fit and an easy sell solution.

VALEO FIRST FLAT BLADE

VS Short code	VS REF.	Unit per Pack	mm/inches
VFP14	575801	X1	350 mm / 14"
VFP16	575802	X1	400 mm / 16"
VFP17	575820	X1	450 mm / 18"
VFP18	575803	X1	450 mm / 18"
VFP19	575804	X1	475 mm / 19"
VFP20	575805	X1	500 mm / 20"
VFP21	575806	X1	525 mm / 21"
VFP22	575807	X1	550 mm / 22"
VFP24	575808	X1	600 mm / 24"
VFP26	575809	X1	650 mm / 26"

Flat Blade



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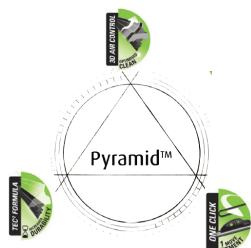
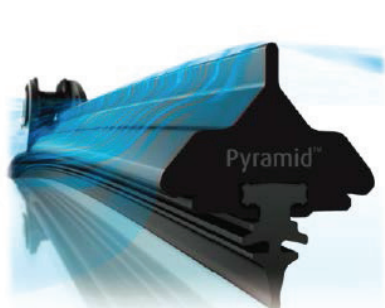
FIRST

Flat Blade with Pyramid™



New Pyramid™ technology

Have a look at the profile of our new Flat Blade:
Why Pyramid™? The unique shape of the spoiler...
Special design Valeo patent



The Flat Blade innovation made
by your Aftermarket specialist.

New Pyramid™ technology: benefits

ONE CLICK : FAST A EASY FITTING

- Fast and easy to fit with only one click movement
- New hook connection with aerodynamic design
- «Click» sound to assure that blade is locked



- Synthetic rubber formulation that is robust & has a excellent performance in difficult weather conditions (heat, humidity)

2 main features

- > 300 000 cycles lasts up to 4 seasons
 - > Robustness: the product works in difficult weather conditions (heat, coldness, UV...)
- Product is functioning in extreme conditions: +70 / -40°C

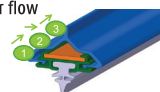


OPTIMIZED PERFORMANCE / UNIQUE SPOILER SHAPE

- Patented spoiler shape that guides the air flow
- The longer the air flow is controlled, the better the blade conforms to the windshield, the better the wiping performance

3 points to control the air flow

- 1 Air guidance
- 2 Creation of downforce
- 3 Evacuation of air force





FIRST



All front blade technologies

A comprehensive family of wipers

Hybrid

Product features

Covertech® technology

The latest innovation from your Aftermarket Multi-specialist: the combination of a cover design matching O.E. hybrid style with the thin flexibility of a curved Flat Blade, for optimal wiping performance.

- ▶ 10 part numbers in single x1 offer, easy to stock and easy to sell
- ▶ Blades lengths from 350mm to 700mm, a compact and complete range

VALEO FIRST HYBRID BLADE (RHD)

VS Short code	VS REF.	Unit per Pack	mm/inches
VFH14	575845	X1	350 mm / 14"
VFH16	575846	X1	400 mm / 16"
VFH17	575855	X1	425 mm / 17"
VFH18	575847	X1	450 mm / 18"
VFH19	575848	X1	475 mm / 19"
VFH20	575849	X1	500 mm / 20"
VFH21	575850	X1	525 mm / 21"
VFH22	575851	X1	550 mm / 22"
VFH24	575852	X1	600 mm / 24"
VFH26	575853	X1	650 mm / 26"
VFH28	575854	X1	700 mm / 28"



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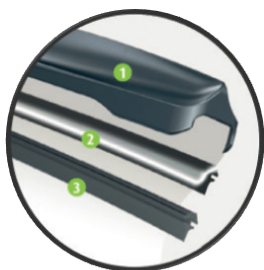
Hybrid Blade with Covertech™

New Covertech® technology

Covertech® technology is the combination of a streamlined exterior cover with the thin flexibility of a curved Flat Blade, for optimal wiping performance
Exclusive design Valeo patented*

Covertech® technology is the result of the merger of the following elements:

- 1 Protective cover matches O.E. Hybrid design
- 2 Flexible metal spline, Flat Blade DNA
- 3 Optimized rubber profile for long lasting Wiping performance



New Covertech® technology: benefits

MATCHES O.E. STYLING

- Attractive, O.E.- style hybrid cover design fully protects the integrated Flat Blade structure
- The combination of an exterior cover with the thin flexibility of a curved Flat Blade

UNIQUE SPOILER SHAPE

- The Tech-Innovation: unique and innovative spoiler shape
- Maximum aerodynamic performance and optimized airflow control all speeds
- Optimized windshield contact and pressure

MAXIMUM WINDSHIELD CONTACT

- Flexible curved spline maximizes windshield contact
- Flat Blade DNA provides the maximum contact and optimal pressure on the windshield, resulting in:
 - minimal vibration at high speed
 - reduced windlift
 - noise reduction