Automotive window film

Magnetron-sputtered and nano ceramic film for heat rejection, UV protection and glare control, supplied for OEM and private-label programmes.

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1 · WHAT THE RANGE IS

Dyed film absorbs heat until it saturates; metallised and ceramic film reflect it. The range below is built on two constructions — multi-layer magnetron sputtering and nano ceramic — and is sold into programmes rather than to end users, so each series is specified against the market it is going to: climate, legal VLT limits and the price band the brand needs to hit.

2 · SERIES

SERIES	CONSTRUCTION	POSITIONED FOR
Magnetron Metal Series	Multi-layer magnetron sputtering	High heat rejection in hot climates
Ceramic Series	Nano ceramic	Heat rejection with a neutral look
Optical Series	Optically clear construction	Clarity-first programmes, light tints
Skin Protection Series	UV-focused construction	Occupant protection as the lead benefit

Series descriptions state range positioning. Measured VLT, total solar energy rejection, infrared rejection and UV rejection for a specific series are supplied with the quotation and the matching test report — we do not publish a single number for a whole series, because it would not survive a lab check.

3 · WHAT A BUYER SHOULD SPECIFY

- **VLT** — the legal limit for front side glass differs by market, often 70 % or 35 %; some markets ban film on the windscreen entirely.
- **Total solar energy rejection** — the number that describes heat, and the one most often confused with infrared rejection.
- **UV rejection** — usually quoted as 99 %+; ask for the test method.
- **Colour stability** — dyed constructions shift in strong sun; ask for the weathering test behind the warranty.
- **Shrink and conform** — how the film behaves on curved rear glass, and how long installation takes.

4 · SUPPLY AND PROGRAMME

Rolls in standard widths cut to programme requirements, private-label cartons, brand colour cards and installation accessories. Test reports and compliance documents are issued per series and per market.

5 · LIMITATIONS

This overview carries no performance figures. Confirm VLT, rejection rates and warranty terms against the test report for the series you intend to sell, and check the window film regulations of the destination market before ordering.

QINGWEI Automotive Technology Co., Ltd.
Paint protection film, colour film and window film by QINGWEI
qingweippf.com · info@qingweippf.com · WhatsApp +86 131 2758 4610

Values are typical and indicative.
Confirm the specification for your order in writing.
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