



our **QUALITY** is your **SAFETY**

Valve SNAP-IN

60 YEARS OF EXPERIENCE in design and production of tyre valves.

MORE THAN 50 MILLION valves produced each year.

WONDER COMPOUND

Produced domestically according to a **Wonder** proprietary formula to guarantee the best possible quality of the product.

Extremely resistant to ozone and all weather conditions, thanks to the use of EPDM rubber supplemented with antioxidants.

Every batch of compound is checked and validated before passing on to the production phase.

MADE IN ITALY

Wonder valves are designed, assembled and tested in **Wonder** plant in Cremona (Italy) according to the ISO/TS 16949 certified system.

All the raw materials come into the laboratory for quality control and chemical analysis.

The **QUALITY** of **Wonder** products is the same, both for the first supply and for the after-market.

THE 100% OF WONDER VALVES is singularly inspected before shipping in order to check the aspect, the seal and the positioning of each component.

THE RIGHT PRESSURE

Fuel saving – Emission reduction – Maximum driving safety

Wonder valves satisfy the requirements of the main international reference standards (ISO, ETRO, T&RA, DIN, SAE and JIS).

Wonder S.p.a is a certified company

ISO 9001:2008 - ISO / TS 16949:2009 – UNI EN ISO 14001:2004.



QUALITY CHECK

Wonder carries out all the tests required by the international standards in its local laboratories.

PEELING TEST

Check of the perfect adhesion between the coating and the metal of the body.

PULL-IN & PULL-OUT TESTS

Carried out regularly for every batch of compound.

BURST STRENGTH

Wonder SNAP-IN valves are tested to withstand accidental over-pressure up to 25 bar/360 psi far beyond the minimum required by law (15 bar/215 psi).

FLEXURAL STRENGTH

Subjected to a cycle of 4000 bends (axially +/-25°) **Wonder SNAP-IN** valves do not show any visible sign of a tear.

HEAT SHOCK AND COLD LEAK/PRESSURE TEST

After the flexion, the valves are subjected to a temperature reduction (from +23°C to -40°C) to verify the perfect pressure seal even under extreme conditions.

HOT LEAK/PRESSURE TEST

Wonder SNAP-IN valves resist up to 150 hours, maintaining the seal unchanged, at the temperature of 100°C with a pressure of 5,75 bar (compared to the minimum of 72 hours required by regulation).

SPEED ENDURANCE

Tested at a constant speed of 300 km/h for some days, **Wonder SNAP-IN** valves do not suffer any sort of visible damage and they maintain the pressure seal intact.

ANTI CORROSION TEST

The endurance of every single **Wonder** valve is tested in salt spray chambers.

MOUNTING RESISTANCE

Wonder caps are designed to resist traction forces above 100 kg.



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