

MOOG: YET AGAIN PIONEERING THE WAY

MOOG is the first and only car parts supplier to opt for 100 % cataphoresis coated wishbones. That's no coincidence. Since the very first moment of our existence, we've been injecting the automotive aftermarket with a unique pioneering and innovative spirit. All this while maintaining the strictest quality norms: all our products meet the exact OE-specifications and all are produced in ISO-certified facilities. Making it easy for you and your customer to trust us.



MOOG, EASY TO TRUST

MOOG's catalogue on steering and suspension is a standard reference work, known and used by everyone in the aftermarket. In addition, our Easy Solutions Bulletins continue to announce improvements to facilitate the processes in the workshop. No luxury as steering and suspension systems on new cars have become more complex in recent years. With Cataphoresis coating on our entire range of sheet metal wishbones, MOOG sets another standard, lifting the aftermarket quality to a higher level by matching -and sometimes even exceeding-OE standards.

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NEW
LONGER LIFE
THANKS TO
CATAPHORESIS
TECHNOLOGY

LONGER LASTING PROTECTION AGAINST RUST

RESISTANCE
UP TO
10 YEARS!

MOOG

TWO TESTS PROVE: MOOG CATAPHORESIS COATED SHEET METAL WISHBONES AND CONTROL ARMS OUTPERFORM THE REST

Fact 1: The highest standard of cataphoresis coating guarantees maximum resistance

On a suspension system wishbones and control arms are continuously exposed to severe road conditions such as water, salt, snow, stones and gravel. To withstand these extreme conditions the coating is of significant importance. That's why MOOG supplies as from now on all sheet metal wishbones and control arms with cataphoresis coating.

Fact 2: MOOG is the only brand in the automotive aftermarket that offers cataphoresis coating on ALL sheet metal wishbones and control arms

- Best resistance to rusting
- Best resistance to impact
- Most environmental friendly coating method

Fact 3: Cataphoresis coating is by far superior to conventional coating

Cataphoresis coating results in a much higher resistance to rust and impacts compared to the commonly used electrostatic spray painting method. To prove it, we set up some tests.

TEST 1 IMPACT RESISTANCE*

A mechanical force equivalent to 100 kg/cm² is applied to two sample-plates.

Electrostatic spray painted plate



The peeling of paint will cause corrosion

Cataphoresis coated plate



Perfect adhesion of the paint, perfect protection of the part

* Test complying with the official impact test DIN EN ISO 6272-1 = ASTM D2794

TEST 2 CORROSION RESISTANCE**

Double-layered sheet metal wishbones with different coatings are tested under the same conditions in a salt spray chamber: one with electrostatic spray painting and one with cataphoresis coating.

Electrostatic spray painted sheet metal wishbone	Hours of salt spray testing	Cataphoresis coated sheet metal wishbone
 covered with rust	 Standard testing period in aftermarket approx. 1,5-2,5 years***	 totally free from rust NEW LONGER LIFE THANKS TO CATAPHORESIS TECHNOLOGY
 totally covered with rust	 OE standard approx. 4-6 years***	 free from rust NEW LONGER LIFE THANKS TO CATAPHORESIS TECHNOLOGY
 totally covered with rust	 MOOG standard approx. 8-10 years***	 free from rust NEW LONGER LIFE THANKS TO CATAPHORESIS TECHNOLOGY

** Test complying with the official DIN 50021, ISO 9227 and ASTM-B-117

*** Approximate estimation of industry standards used in Europe