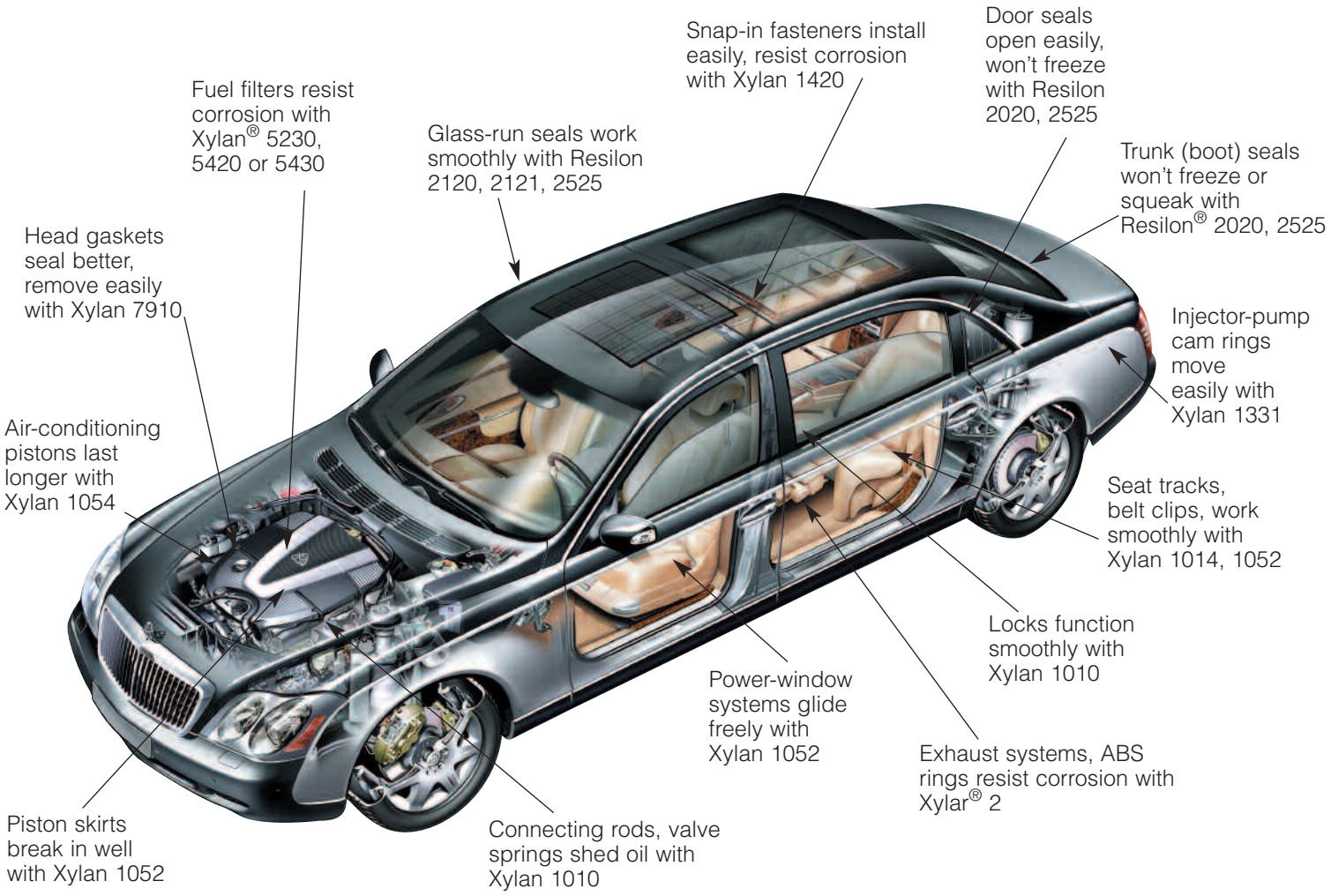
14 ways Whitford coatings make every car last longer, look better and run more efficiently



Whitford makes the world's largest, most complete line of fluoropolymer coatings for automotive components. Our coatings solve problems of abrasion, corrosion, noise (itch and squeak), friction, release, sealing, weathering and decoration.

There are remarkably few automotive problems that Whitford coatings cannot solve (we even have decorative coatings that can be color-matched to interior designs).

Automotive manufacturers now using Whitford coatings include: Aston Martin, Bentley, BMW, Bugatti, Chrysler, Fiat, Ford, General Motors, Holden, Honda, Kia/ Hyundai, Lotus, McLaren, Mercedes-Benz, Nissan, Porsche, Suzuki, Tata, Toyota. This list continues to grow.

For more information, please contact Whitford at: Email: sales@whitfordww.com or on our website: whitfordww.com.

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Whitford's Coatings, Explained

Xylan 1010: Dry-film lubricants for any wear surface to reduce friction, prevent scoring and galling, and provide secondary lubrication in the event of failure of the primary (conventional) lubricant. In addition to its low coefficient of friction (0.05), Xylan 1010 has good nonstick properties, excellent chemical resistance, and operates at temperatures up to 525˚F (275˚C).

Xylan 1014: Similar to Xylan 1010, but with significantly more bonding resin relative to its content of polytetrafluoroethylene (PTFE) lubricant. This provides a finish that is harder, more abrasion-resistant, glossier, less porous. Friction values remain low and predictable.

Xylan 1052: Dry-film lubricants formulated specifically for high-pressure, low-speed industrial/mechanical wear applications. Its unique chemistry provides dependable, bonded lubrication for bearing surfaces subjected to extreme pressures up to 150,000 psi (10,500 kg/cm^2).

Xylan 1054: Uses PTFE and MoS_2 as lubricants, and is internally reinforced, to achieve higher film build and extra resistance to wear.

Xylan 1331: Contains PPS and PTFE for outstanding wear and abrasion resistance. Also considered corrosion and chemical resistant.

Xylan 1420: Waterborne fastener-class barrier coating that has good salt-spray resistance and protects equipment from chemical exposure.

Resilon 2020: Engineered to give excellent noise suppression ("anti-squeak") while offering low friction and excellent freeze-release and abrasion resistance. Little or no pretreatment is required on some sponge substrates. 2020 products are single-component, waterborne coatings.

Resilon 2120: A single-pack, waterbased coating designed to give high abrasion and low-noise properties. This coating is ideal for both sponge dynamic weatherstrip seals as well as dense rubber glass-run seals because it provides good weathering and freeze-release characteristics. 2120 requires pretreatment for optimum adhesion to dense rubber substrates.

Resilon 2121: A waterborne coating for the most arduous requirements of automotive glass-run seals.

Resilon 2525: A UV-curable coating that can be used on a wide range of substrates, i.e., weatherstrip and glass run. It offers low friction, excellent freeze-release and good abrasion resistance. Resilon 2525 will replace conventional cure systems to provide energy savings, increase line speed and can be used with thermally sensitive substrates.

Xylan 5230: The only fastener-class coating specified as an approved engineering material for automotive fasteners by Chrysler, Ford, General Motors, etc. Formulated to be absolutely free of all restricted heavy metals, particularly chromium, Xylan 5230 is dry, non-oily and non-greasy, with a uniform, attractive black appearance. It has outstanding and consistent torque/tension characteristics, superb resistance to corrosion and the elements, with unsurpassed resistance to chemicals, including all automotive fuels, lubricants and fluids. It resists chipping, flaking, and is easy to apply.

Xylan 5420: a waterborne version of Xylan 5230, but with improved corrosion resistance.

Xylan 5430: like Xylan 5230, with improved UV resistance.

Xylan 7910: A fluoropolymer coating designed for economical application via curtain coating. Especially excellent for flat parts like gaskets.

Xylar 2: An inorganic (ceramic) coating designed to provide sacrificial corrosion protection with no attack of the base metal after continuous exposure to a five percent (5%) salt spray (ASTM B-117) test. In addition, this coating protects metal from high-temperature oxidation with a maximum operating temperature of 1,000˚F (535˚C).

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