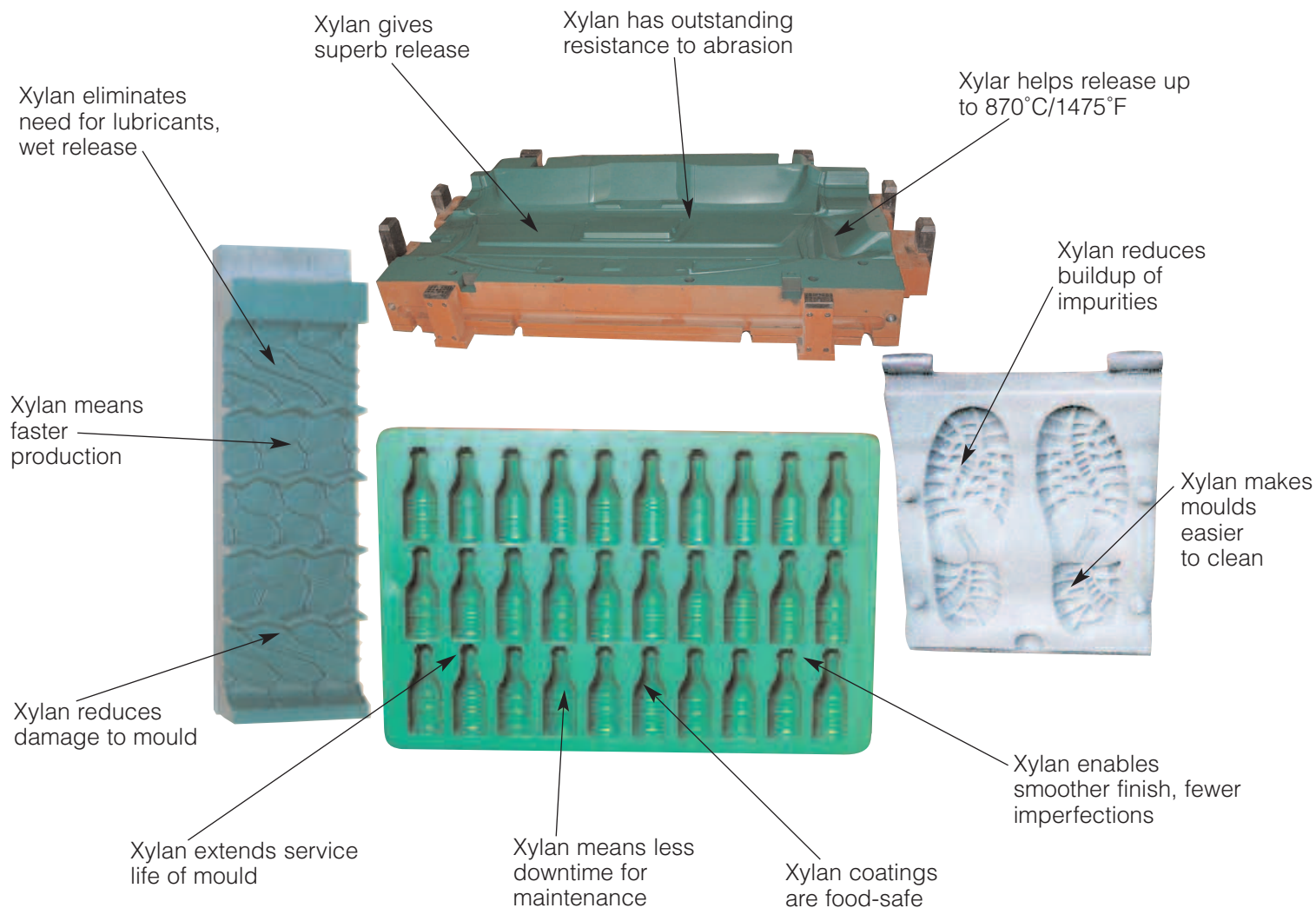


# 12 ways Whitford coatings improve mould performance for rubber, food, polyurethane, PET, etc.



**W**hitford offers a wide range of Xylan®, Xylar® and Dykor® coatings for all types of moulds and materials, designed to simplify and make more efficient the manufacture of many different kinds of products.

Typical materials used in moulds coated with Xylan, Xylar and Dykor include PET, carbon fibre, glass, rubber, polyurethane.

Typical mould applications include tyres, foods, belts, auto headliners, shoes, cutting disks, packaging, etc.

Whitford coatings have superb release and outstanding abrasion resistance, which lead to all the benefits listed above. For a more detailed description of these remarkable coatings, please see the information on the reverse of this page.

For more detailed information, please contact your Whitford representative or the Whitford office nearest you (the addresses of all our offices are available on our website at: [www.whitfordww.com](http://www.whitfordww.com)).

**Whitford**

Makers of the world's largest, most complete line of fluoropolymer coatings

# Whitford's Coatings, Explained

**Xylan 1058:** Solvent-borne, FEP-based coating similar to Xylan 8840 but with improved abrasion resistance. Ideal for industrial mould applications (when cured at high temperatures), such as polyurethane shoe sole moulds. Xylan 1058 can also be cured at a lower temperature of 220°C (430°F), and operates at temperatures up to 205°C (400°F).

**Xylan 1220:** Waterborne version of Xylan 1058. Low cure with good release properties for industrial mould applications. Xylan 1220 operates at temperatures up to 205°C (400°F).

**Xylan 1290:** Solvent-borne mould-release coating with a high level of PTFE for excellent release properties while curing at temperatures as low as 180°C (355°F). Xylan 1290 operates at temperatures up to 260°C (500°F).

**Xylan 1756:** Aqueous, clear, FEP dispersion. Can be applied as a topcoat over Xylan 8840 for improved release and even longer life.

**Xylan 8110:** Solvent-borne, food-safe, high-temperature-resistant, PTFE-based coating. Ideal for coating moulds used for high-sugar-content items such as sweets. It has good abrasion resistance and operates at temperatures up to 260°C (500°F).

**Xylan 8221/8224:** Waterborne, two-coat, food-safe, PTFE-based coating. This is a high-

cure system with excellent release properties and it is ideal for mould release in high-temperature applications. Xylan 8221/8224 has good abrasion resistance and operates at temperatures up to 260°C (500°F).

**Xylan 8810:** Good general-purpose, solvent-borne, food-safe, PTFE-based coating for cost-effective mould release, particularly in the food-processing industry. Xylan 8810 offers good abrasion resistance and operates at temperatures up to 230°C (445°F)

**Xylan 8840:** Food-safe, solvent-borne FEP-based nonstick coating for mould release (e.g. tyres and polyurethane moulds). Xylan 8840 has excellent release and good abrasion-resistance properties and operates at temperatures up to 205°C (400°F). Use Xylan 1840 when the food-safe requirement is not an issue. The properties are equivalent to Xylan 8840.

**Xylan 8870:** Similar to Xylan 8840 but reinforced for improved abrasion resistance.

Whitford offers additional coatings that can be used for outstanding mould release depending upon the application, including: Xylar 221, Xylan 8820 High Release, Dykor 510 and 511, Xylan 1700 PFA, etc. We recommend that you consult with your Whitford representative to choose the best coating for your mould application.

## How to contact Whitford

Whitford manufactures in 7 countries, has employees in 7 more and agents in an additional 25. To find the office nearest you, please visit our website: [whitfordww.com](http://whitfordww.com) or email us at [sales@whitfordww.com](mailto:sales@whitfordww.com).

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