

TECTYL™
SOLUTIONS
FOR
INDUSTRIAL
PRODUCTS





TECTYL™ PROTECTIVE COATINGS

A WORKING FORCE FOR INDUSTRIAL PRODUCTS

TECTYL™ PROTECTIVE COATINGS HAVE BEEN KEEPING CORROSION AT BAY IN ENGINES, MOTORS, GENERATORS, LIGHT MACHINERY, PUMPS, HEAVY TOOLS AND SPARE PARTS FOR MORE THAN 80 YEARS. THE TECTYL NAME IS SYNONYMOUS WITH QUALITY COATINGS THAT ARE EASY TO APPLY, LONG-LASTING AND EASY TO REMOVE OR DE-ACTIVATE WHEN NO LONGER REQUIRED.

Protect your product during storage and transportation with Tectyl

The ferrous and non-ferrous metal surfaces and cavities of a huge range of industrial products, parts and components need to be protected from corrosion. Protection can range from very short-term solutions for application immediately after machining to medium- and long-term protection for complete assemblies in storage or during transportation. The solution is to apply the specially formulated Tectyl products, and we are ready to help you with our knowledgeable customer support organization. We offer products designed to protect the unseen insides of complex assemblies like engines as well as the exposed surfaces, cavities and sections or all types of industrial products.





WHERE TECTYL MAKES A DIFFERENCE

The following shows a range of industrial applications where Tectyl protects the value and condition of your products during manufacture, storage, shipping and use. The Tectyl range includes products that can be easily removed when no longer required as well as types that can be left on without affecting the performance of the machine or part. Internal protection of combustion engines is simply removed by refreshing the lubricants.

Motors, engines and generators

Prior to use or during transport, many motors, engines and generators need internal preservation. Tectyl products for this purpose are soluble in oil, facilitating easy removal when protection is no longer required. There are also grades available for both short- and long-term external protection against moist, salty or aggressive atmospheres.

Tubes, castings and pipes

Tectyl develops products for the protection of exposed sections of pipes, tubes and castings during storage and transport overseas.

Transport rails

Transport rail systems in harbours and other large open-air industrial sites are constantly exposed to the weather and

other potentially aggressive environments. Tectyl helps extend the operational life and reduce the maintenance costs of these systems.

Road construction equipment

Due to the seasonal nature of the work, farm-, road- and construction equipment needs medium-term protection while it is not in use for extended periods. The Tectyl possibilities include underbody and chassis protection as well as surface protection over a wide temperature range. The potential savings in maintenance and repair costs are significant, and the operational life of the equipment can be considerably extended.

Tools, gear wheels, parts and bearings

Tools, gear wheels, parts and bearings and other mechanical components need protection during storage and transport. We offer solutions that keep ferrous and non-ferrous parts in top condition. When the part is needed or arrives at its destination, the protective coating is easily removed, and in some cases, can even be left on.

Precision parts and assemblies

Precision parts also need protection during storage and/or transport, and the special needs of these fine mechanical assemblies are catered for by products in the Tectyl range.

WHY CHOOSE TECTYL?

A sound business investment

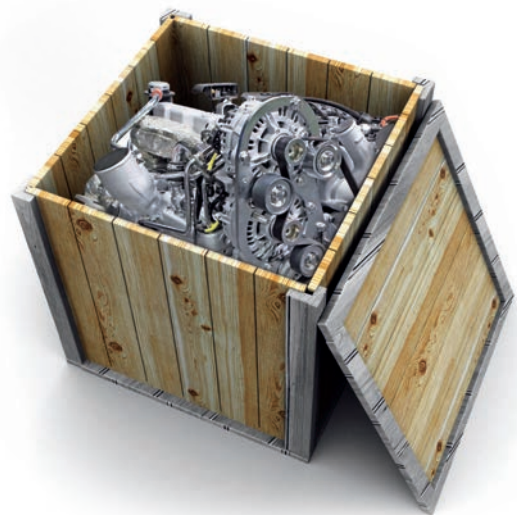
Choosing Tectyl means you have the reassurance of a market-leading brand with a reputation for reliability and quality. Our proven coatings not only protect your products, they also protect your company's reputation. Using Tectyl is a sound business investment as it can reduce potentially costly warranty repairs and extend the lifetime of your products.

Know-how and experience

Thanks to over 80 years in the metal protection business and a proven track record in a wide range of industries and applications, you can be confident that we have the know-how and experience to help you choose the best product for your application.

Customer support

Our customer support goes much further than simply helping you choose the best product for your corrosion protection requirements, we also provide expert guidance in application techniques such as spraying and dipping, commissioning production line equipment, and provide service and maintenance advice.



A product that exactly matches your needs

With so many dedicated solutions for industrial applications, there is one that exactly matches your needs.

The range includes water based, non-solvent based and solvent based compositions and they are available in a range of film hardness grades (for example, resin, hard, semi-soft, semi-firm, soft, oil, wax).



THE BENEFITS OF USING TECTYL

Excellent adhesion

Because Tectyl is formulated for an active polar-bound coating that bonds to the surface, it gives predictable performance during the required protection period. This preserves the value, quality and functionality of industrial products during storage, transportation and down-time.

Various consistencies available

The Tectyl products include soft, semi-soft and semi-firm grades that remain flexible so they do not crack or break. These products also offer protection against stone impact. Where extra resistance to abrasion is required, hard grades of Tectyl can be specified.

Long-term protection

Depending on the application, Tectyl products can give protection ranging from some months to many years. Our products for long-term protection are extremely durable,

while the products for temporary protection are easy to remove when needed.

Film types

The full range of types includes types for general industrial applications. By offering bitumen, oil, wax and resin, greasy, flow characteristics and layer thickness requirements can easily be met. In addition to aerosols, various application techniques can be used for larger quantities of after-market Tectyl products. In addition to coloured and opaque types, there are also clear and transparent Tectyl products. This enables visual inspection after application (for example, on delivery) as well as later in operating life.

GENERAL INDUSTRY PRODUCT OVERVIEW



Tectyl Product	Application	Product category	Product characteristic	Colour	Abrasion resistance	Corrosion resistance	Penetration	Non dripping
Tectyl 1079	Paint protection	Solvent	Wax	White / Transp	*	*	N/A	N/A
Tectyl 120	UBC	Solvent	Wax/asphaltic	Dark Brown	***	***	*	***
Tectyl 120-EH	UBC	Solvent	Wax/asphaltic	Dark Brown	***	***	*	***
Tectyl 121-LV	UBC	Solvent	Wax/asphaltic	Black	***	***	*	***
Tectyl 122-A	UBC	Solvent	Wax/asphaltic	Black	**	***	*	**
Tectyl 127 CGW	General protection	Solvent	Wax	Aluminium	***	****	**	***
Tectyl 275	General protection	Solvent	Oil	Light brown	N/A	***	****	*
Tectyl 282	General protection	Solvent	Oil concentrate	Transparent	N/A	***	N/A	
Tectyl 283-S-17	General protection	Solvent	Oil	Transparent	N/A	***	***	**
Tectyl 300G Black E	General protection	Waterbased / Co-solvent	Resin	Black	***	***	*	**
Tectyl 300G Clear E	General protection	Waterbased / Co-solvent	Resin	Transparent	***	***	*	**
Tectyl 3217 E	Engine protection	Waterbased / Co-solvent	Copolymer dispersion	Transparent	***	***	*	**
Tectyl 400-C	General protection	Solvent	Wax	Light brown	*	**	**	*
Tectyl 435-D	General protection	Non-solvent	Apply when hot	Brown	**	***	**	*
Tectyl 472	General protection	Solvent	Oil	Transparent	N/A	***	****	*
Tectyl 477-D	General protection	Non-solvent	Oil concentrate	Transp/Amber	N/A	***	**	***
Tectyl 4D750	Hollow sections / General protection	Non-solvent	Oil/resin	Light brown	N/A	****	****	**
Tectyl 4D750 Brown OEM	Hollow sections / General protection	Non-solvent	Oil/resin	Brown	N/A	****	****	**
Tectyl 5015W	General protection	Waterbased	Wax	Light brown	*	***	N/A	***
Tectyl 502-C	General protection	Solvent	Oil/wax	Light brown	N/A	***	***	N/A
Tectyl 502-C EH	General protection	Solvent	Oil/wax	Light brown	N/A	****	***	**
Tectyl 506	General protection	Solvent	Wax	Light brown	*	****	*	**
Tectyl 506-EH	General protection	Solvent	Wax	Light brown	**	****	*	**
Tectyl 506-G	General protection	Solvent	Wax	Light brown	***	****	*	***
Tectyl 506-WD	General protection	Solvent	Wax	Light brown	*	****	**	*
Tectyl 511-M	General protection	Solvent	Oil	Brown / Transp	*	****	****	*
Tectyl 5350W	General protection	Waterbased	Wax	Brown	*	***	N/A	***
Tectyl 5401W RC	Rust converter / Primer	Waterbased	Acrylic Polymer	Brown	****	****	****	**
Tectyl 542	General protection	Solvent	Wax	Light brown	N/A	**	N/A	***
Tectyl 550 ML	Hollow sections	Solvent	Wax	Light brown	N/A	***	***	**
Tectyl 5506W	General protection	Waterbased	Wax	Amber	**	****	*	**
Tectyl 558 AMC	Hollow sections	Solvent	Wax	Light brown	N/A	***	***	***
Tectyl 5638W-A	Sound damping	Waterbased	Copolymer dispersion	Dark grey	****	*	N/A	****
Tectyl 5765W OEM	UBC	Waterbased	Bitumen polymer dispersion	Dark grey	***	*	N/A	****
Tectyl 5765W-A	UBC	Waterbased	Copolymer dispersion	Dark Grey	****	*	N/A	****
Tectyl 800-D	General protection	Oil	Oil	N/A	N/A	**	***	N/A
Tectyl 802-A	General protection	Non-solvent	Oil	N/A	N/A	****	N/A	
Tectyl 810	General protection	Non-solvent	Oil	N/A	N/A	***	N/A	***
Tectyl 846	General protection	Solvent	Oil	Dark amber	N/A	****	N/A	***
Tectyl 846-K-19	General protection	Solvent	Wax	Light brown	N/A	***	**	**
Tectyl 858-F	General protection	Non-solvent	Grease	Amber	N/A	****	N/A	****
Tectyl 859-B	General protection	Solvent	Oil	N/A	N/A	****	****	N/A
Tectyl 891 D Class1	General protection	Solvent	Bitumen	Black	***	***	N/A	**
Tectyl 894	General protection	Solvent	Wax	Amber	*	***	**	**
Tectyl 900	General protection	Oil	Oil	N/A	N/A	**	***	N/A
Tectyl 910	Engine protection	Oil	Oil	N/A	N/A	****	N/A	N/A
Tectyl 915W40	Engine protection	Oil	Oil	N/A	N/A	***	N/A	N/A
Tectyl 930	Engine protection	Oil	Oil	N/A	N/A	****	N/A	N/A
Tectyl 930 E	Engine protection	Non-solvent	Oil	N/A	N/A	****	N/A	N/A
Tectyl Multipurpose 506 WD	General protection	Solvent	Wax	Amber	N/A	****	****	**
Valvoline 150	Remover	Solvent	Solvent	Transparant	N/A	N/A	N/A	N/A
V-Damp 3680	Sound damping	Waterbased	Copolymer dispersion	Light brown	N/A	N/A	N/A	****

PROVEN RUST PREVENTION AROUND THE WORLD

Comments
Remove with white spirit within three months
UV resistant coating
Fingerprint remover according to MIL-C-15074E
Intended for dilution 1:4 with mineral spirits
Hard, paint-like transparent coating, non-removable
Hard, paint-like transparent coating, non-removable
Hard, paint-like transparent coating, non-removable. Does not discolour until 180°C
Very thin film possible (3 micron)
Chemical drying
High flashpoint. Can be applied on a slightly humid surface
Disolves in engine or gearbox oil.
Disolves in engine or gearbox oil.
High flashpoint. Can be applied on a slightly humid surface
Can be overcoated.
Can be applied by use of air pressure on special plastic spraygun. Supplied in 1 liter Vacuum cans
Stainless equipment required. Can be applied on PVC
Phosphating after removal possible
Military approvals
Military approvals
Military approvals
Approved according MIL-PRF-46002C, Class 1
Approved according MIL-C-16173E-Grade 1
Approved according MIL-PRF-32033
Internal protection. For use in gearboxes
Internal protection. Engine oil for engines in storage or transport
Internal protection. For use in engine where SAE 30 is specified
Used to remove Tectyl
Only for indoor application

Innovative solutions, service and expertise

Since 1930, customers around the world have chosen Tectyl for innovative solutions, service and expertise – making it the driving force in rust protection. The Tectyl brand is owned by Ashland Consumer Markets (Valvoline) in Europe, the Middle East and Africa. Ashland Consumer Markets is part of Ashland Inc., one of the largest independent international oil companies in the world with sales and operations in more than 100 countries.

Listening to customers is the key to quality

Through extensive market research, product development and quality control, we can supply exactly the right Tectyl product for almost every kind of preservation process. Tectyl users include:

- **Original equipment manufacturers (OEMs) of passenger cars, trucks, buses and railway stock**
- **General manufacturing industries such as spare parts, pumps, generators and engines**
- **The concrete industry, military applications, containers and power generation**
- **After-market consumers and small businesses to extend the life of vehicles**

A complete range

Tectyl products are formulated in a variety types, ranging from thin, clear coatings and heavy-duty wax to black bituminous products. Available in non-solvent or waterborne formulations for conditions where products with a high solvent content are not permitted for environmental, health or safety reasons. The Tectyl product range also includes a sound-damping product line with applications in industries where sound inducing vibrations need to be reduced.

An active rust preventive barrier

Tectyl protective coatings adhere strongly to metal surfaces, forming an active rust preventive barrier. There are types that are engineered for short- as well as long- term protection, and for indoor and outdoor applications. Tectyl helps metal surfaces resist the effects of moisture, salt spray and even harsh corrosives. These properties have resulted in many types of Tectyl products with multi-functional performance.



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