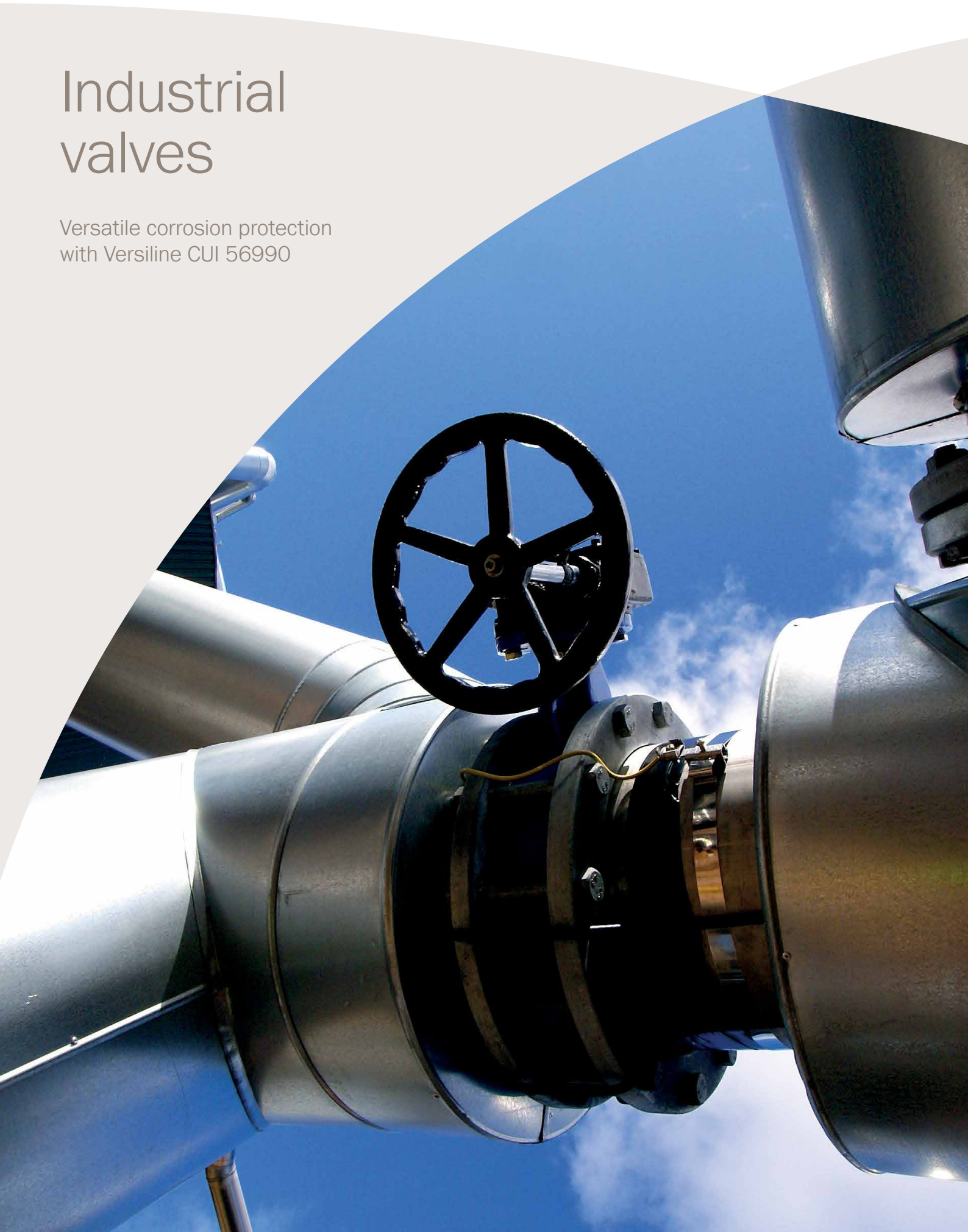


Industrial valves

Versatile corrosion protection
with Versiline CUI 56990



Less hassle, more protection

From control valves to check valves, ball valves to gate valves, all sectors of our process industries rely on millions of valves to regulate and control their operations every day.

Many industrial valves operate in highly corrosive environments and need to withstand:

- extreme temperatures
- corrosive environments beneath thermal insulation
- thermal cycling
- physical damage during assembly, transportation and installation

Valve failure at any point in the process can be catastrophic, causing unexpected stoppages and downtime while a replacement is fitted, making valve failure due to corrosion an expensive occurrence.

Currently, knowing where a valve is going to be used is paramount when choosing the correct protective coating to ensure maximum corrosion resistance, often leading to multiple coatings being specified for bulk valve orders, adding complexity to your specification, ordering and application process.

We understand you need to balance reducing complexity with maintaining performance. Versiline CUI 56990 has been engineered as a versatile anti-corrosion coating that meets your needs no matter what the valve function or service environment.

Make valve coating simple with Versiline CUI 56990.

It also helps valve manufacturers who want to spend less time painting. Painted valves can be handled quicker than with leading competitors and less damage during transport and installation through superior hardness and impact resistance means less repainting.

Less waiting, more production.

Typical specification

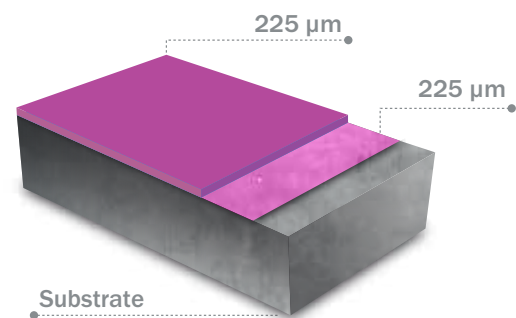
A paint system that covers multiple applications:

- insulated and uninsulated
- carbon or stainless steel
- all temperatures from cryogenic up to 650°C
- all types of valves

- Meets the requirements of NACE SP0198:2010 categories SS-5 and CS-6.
- When applied over zinc silicate primer meets the requirements of NACE SP0198 : 2010 CS-8 and NORSOK M-501 edition 6 System 1.

Coats	System
1st coat	Versiline CUI 56990 225 microns (µm) (9 mils)
2nd coat	Versiline CUI 56990 225 microns (µm) (9 mils)

Easy two-coat system



Where a colour is required for aesthetics or safety marking, a topcoat of Hempel's Silicone Acrylic 56940 may be used up to 200°C/392°F.

Physical constants	
Surface dry:	30 minute(s) 20°C/68°F
Through dry:	1.5 hour(s) 20°C/68°F
Dry to handle:	16 hour(s) 20°C/68°F



Versiline CUI 56990 offer benefits across the oil and gas supply chain which makes it the trusted coating solution for many operators, engineers and equipment vendors. Some of those key benefits can be found here.

Features	Value to the customer
Proven performance from -196°C/-321°F to 650°C/1202°F	<ul style="list-style-type: none"> • Allows engineers and designers to select a single paint system which covers a wide temperature range. • Simplified paint specifications. • Reduces the chance of incorrect systems being applied.
Corrosion protection in insulated and uninsulated conditions	<ul style="list-style-type: none"> • Reduced downtime resulting from corrosion. • Streamlined painting operations - one system many uses. • Allows painting sub-contractors to minimize their paint and thinner inventory by use of a single system.
Low chloride and other impurity levels	<ul style="list-style-type: none"> • No need for a separate paint system for stainless steel.
High film build and resistance to sagging	<ul style="list-style-type: none"> • Ease of application - in spec and on time.
Multiple shades available	<ul style="list-style-type: none"> • Contrasting shades reduce non-conformances and rework.
Fast drying, can be over-coated in 6 hours and dry to handle overnight (20°C)	<ul style="list-style-type: none"> • Reduced paint schedules. • Reduces the impact of painting activities on delivery.
Excellent mechanical properties; adhesion and impact resistance	<ul style="list-style-type: none"> • Reduces assembly, transport and installation damage.



Trusted by our customers

A leading European valve manufacturer recently chose Versiline CUI 56990 as the protective coating for valves ordered for a Middle East Desalination Plant.

By selecting a product with a wide temperature range the customer was able to cover many requirements by specifying a single coating, reducing complexity and eliminating the risk of incorrect selection/application.

For more information visit versilinecui.hempel.com or, to see how we can cut the hassle out of your valve coating specification, contact your local Hempel Representative.

Versiline CUI 56990, the trusted coating solution for hard working industrial valves. Durable performance for long term peace of mind.

Since 1915 Hempel has been a world-leading coatings specialist, providing protection and inspiration to the world around us. Today we have over 5,500 people in 80 countries delivering trusted solutions in the protective, decorative, marine, container, industrial and yacht markets. This includes many recognised brands like Crown Paints, Schaeppman and Jones-Blair.

Hempel is proudly owned by the Hempel Foundation, which supports cultural, humanitarian and scientific causes across the world.

The Hempel Group Head Office

Hempel A/S
Lundtoftegaardsvej 91
2800 Kgs. Lyngby
Denmark

Tel: +45 4593 3800
Email: versilinecui@hempel.com
versilinecui.hempel.com