

VT Functional™

VaporTech® VT Functional™ PVD coatings are custom-designed to make your product last longer, operate more efficiently due to lower friction, withstand high temperatures, and resist corrosion. This improved durability comes from a coating only microns thick, suitable for even the highest tolerance parts.

Characteristics

VT Functional coatings are not just metal, but rather materials made by reacting chromium, titanium, zirconium, or other metals with oxygen, nitrogen, or carbon.



Benefits

Improves the hardness and durability of even the hardest, heat-treated steel.



Applications

Applications include machine tooling, engine & chassis components, cutting tools, & medical devices.



Optimization

Coating and process customized to meet your specific functional requirements.

Common coating materials:

Chromium Nitride

Zirconium Nitride

Titanium Nitride

Titanium Carbide

Titanium CarboNitride

Titanium Aluminum Nitride

Diamond-Like Carbon (DLC)

Contact Us

6400 Dry Creek Parkway
Longmont, CO 80503 USA

303-652-8500

vtsales@vaportech.com

