

Extreme Coatings CARBIDEX® Lineup

PVC/CPVC Wear & Corrosion Solutions

Extreme Coatings PVC Lineup is engineered to increase service life and improve the performance of key components in your PVC/CPVC processing system. Our CarbideX® component enhancements are proven to help you **Minimize Wear; Maximize Profit Potential.**

Twin and Single Extrusion Feedscrews

CarbideX offers unsurpassed wear resistance to maintain plasticizing feedscrews in a like-new condition much longer than standard treatments. Compared to Molybdenum (extrusion) CarbideX can last 25-40% longer or more. CarbideX can be used in ANY barrel without fear of excessive barrel wear.



Conversion-to-Carbide

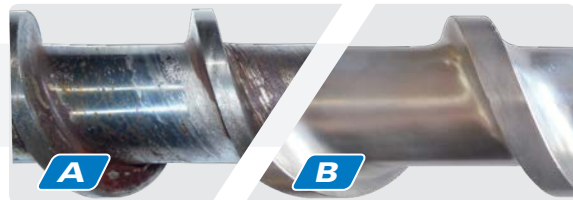
ANY extruder or injection molding screw has the potential to be converted to a CarbideX super feedscrew. The process is simple and quick. A converted feedscrew will be returned ready for installation and better than new.



Manufactured PVC/CPVC Products

Injection Molding

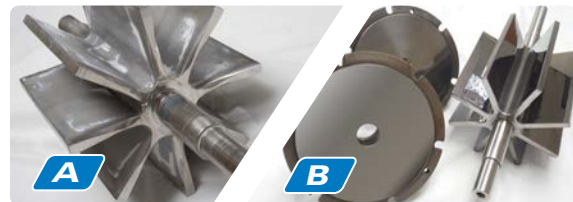
When processing PVC/CPVC an unexpected power loss or malfunction can quickly pit and ruin a chrome plated feedscrew. CarbideX is unaffected by Hydrochloric acid that results as vinyl chloride degrades. The result: a stable process with predictable results.



- A: Corrosion on a non-treated screw after 8 months
- B: CarbideX treated screw after 33 months

Rotary Airlock Valve Refurbishment

Send us a worn valve for evaluation. We can target problem areas and customize a repair that will convert an ordinary valve to maximum efficiency and service life.



- A: Standard SS rotor after 12 months of service.
 - .030" of total O.D wear and knifed edges.
 - Rotor faces roughened from particle abrasion/ fillers, material build up.
- B: Standard SS rotor restored and encapsulated with a CARBIDEX formulation to reduce geometric wear and eliminate particle abrasion/ material gathering.

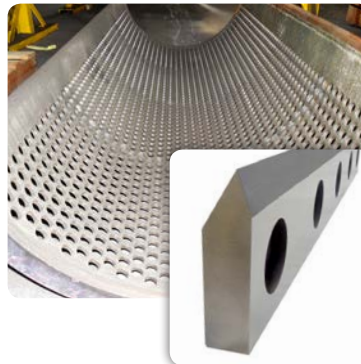
Specialists In Engineered Surface Solutions!

Dry-Blend Mixing Equipment



Never be without replacement blades for your Henschel, B&P, Littleford, Plasmec or other high-intensity mixer. We have partnered with industry leaders to repair, re-balance and coat new or worn blades. CarbideX surface treatment can provide twice the life of standard ceramic treatments. CarbideX blades can be repaired and re-coated for years of faithful service.

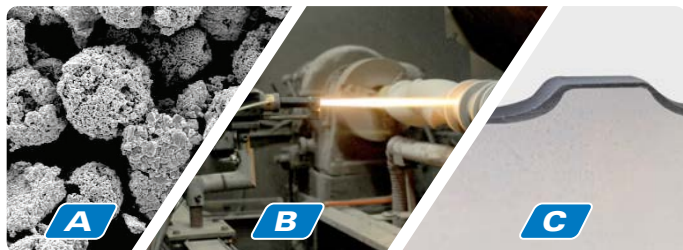
Granulator Knife Blades/Screens



Our CarbideX tungsten surface treatment can prolong the time between re-sharpening requirements and save downtime. You can send a dull set of blades and we will return them sharp and protected.

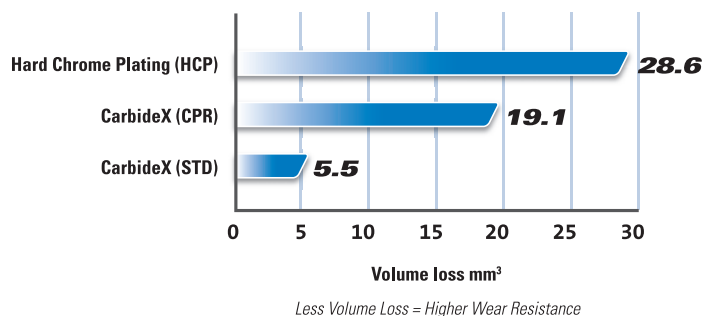
About Extreme Coatings

Since 1997 Extreme Coatings has carbide coated more than 42,000 feedscrews with our high velocity thermal spray process. The high volume percentage of hard, fine carbides ensures exceptional wear resistance unmatched by common alloys, tool steels or bimetals. You can expect an Extreme Coatings improved feedscrew to last two times longer than any standard hard chrome plated feedscrew. Extreme Coatings is the recognized world leader in this technology.



- A: Our high performance formulas
- B: HVOF thermal spray
- C: Extreme layer of protection

ASTM G65 A Comparison of Alloy Materials Designed to Protect from Abrasive Wear



www.extremecoatings.net • Toll Free: 1-888-367-2569