You've got wear problems...
We've got wear solutions!

Wear-Con's Chrome Carbide Overlay solutions are unique and innovative. Therefore, Wear-Con will partner with you to develop custom solutions for your wear issues that are practical and cost effective. Contact us today to put the performance, service, and dependability of Wear-Con to work for you.

Wear-Con DiamondClad™ Chrome Carbide Overlay WC700 Plus™ Wear Plate is a 3/8" wide, 1" x 1" cross grid overlay. It costs less than WC700 Plus™ and is designed for areas with moderate impact and medium abrasion. As raw material packs inside the weave, a rock-box effect occurs, thus providing greater wear life. Wear-Con DiamondClad™ is available in 3/8" and 1/2" thicknesses and in 48" x 96" and 60" x 120" sheets.

Wear-Con WC700P Plus™ Pipe is the same great wear solution as the WC700 Plus™ Plate. Lasting up to 12 times longer than mild steel pipe, WC700P Plus™ Pipe can be hardened on either the interior or the exterior, making it great for use in a wide variety of applications. Wear-Con WC700P Plus™ Pipe can be easily installed by flanging, coupling, or welding. Wear-Con WC700P Plus™ is available in 5/16" thick x 6" ID up to 118" in length and in 3/8" thick x 8" ID, 10" ID, 12" ID, 14" OD, 16" OD up to 118" in length.

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Wear-Concepts Inc.
World Headquarters
**Features & Benefits**

All of Wear-Con’s Chrome Carbide Overlay Wear Plate is made with uniquely high chromium carbide overlay on a mild steel base plate that is designed for areas with severe impact and abrasion. It can be formed, rolled, and cut to your specific needs.

**Installation**

All of Wear-Con’s Chrome Carbide Overlay Wear Plate can be welded into place with a low hydrogen rod such as AWS spec. 7018 on the base metal. The cover pass at the overlay section should use a 60 HRC hard surface rod. All of Wear-Con’s Chrome Carbide Overlay Wear Plate can also be bolted into place with hard surfaced bolts.

**Technical Specifications**

With a higher chromium carbide content, all of Wear-Con’s Chrome Carbide Overlay Wear Plate provides extreme abrasion resistance with hardness from 60 to 64 HRc, along with the ability to withstand temperatures up to 1000°F.

**Sizes**

All of Wear-Con’s Chrome Carbide Overlay Wear Plate are available in an array of sizes and thicknesses to fit your wear needs. Custom sizes and fabrications are also available from Wear-Con’s Plasma Cutting and Shop Services. Please contact your Wear-Con representative for more information.

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**HyperClad™**

Wear-Con HyperClad is a High Performance, Smooth, Chrome Carbide Overlay Wear Plate. The smooth surface has no cracks because it is produced by a proprietary welding process. HyperClad’s smooth surface provides a lower coefficient of friction increasing flow and reducing the frequency of shutdowns. That’s High Performance! HyperClad is available in 47.25” x 118.25” sheets in 3/8”, 1/2”, 3/4”, and 1” thicknesses.

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**MirAClad™**

Wear-Con MirAClad™ Blanchard Ground Chrome Carbide Overlay Wear Plate is designed for areas with material flow issues. Blanchard Grinding provides mirror-like finish and a low friction surface that reduces the adhering of raw material which improve flow. Wear-Con MirAClad™ is available in 48” x 96” and 60” x 120” sheets. And in 1/4”, 3/8”, 1/2”, 3/4” and 1” thicknesses.

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**FeatherClad™**

Wear-Con FeatherClad™ Ultra-Thin Chrome Carbide Overlay Wear Plate has an ultra-thin profile that is lighter and thinner than conventional hardfaced wear plates. It provides all of the strength at a fraction of the weight and thickness for areas with extreme wear where weight or clearance is a concern. FeatherClad™ is 5/32” thick and available in 48” x 96” sheets. It can be utilized in tubes as small as 4 inches in diameter.

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**WC700 Plus™**

Wear-Con WC700 Plus™ Chrome Carbide Overlay Wear Plate. What does the Plus stand for? It’s the uniquely higher chrome carbide content! WC700 Plus™ can also be bolted into place with hard surfaced bolts. Wear-Con WC700 Plus™ is available in 48” x 96” and 60” x 120” sheets. And in 1/4”, 3/8”, 1/2”, 3/4” and 1” thicknesses.

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