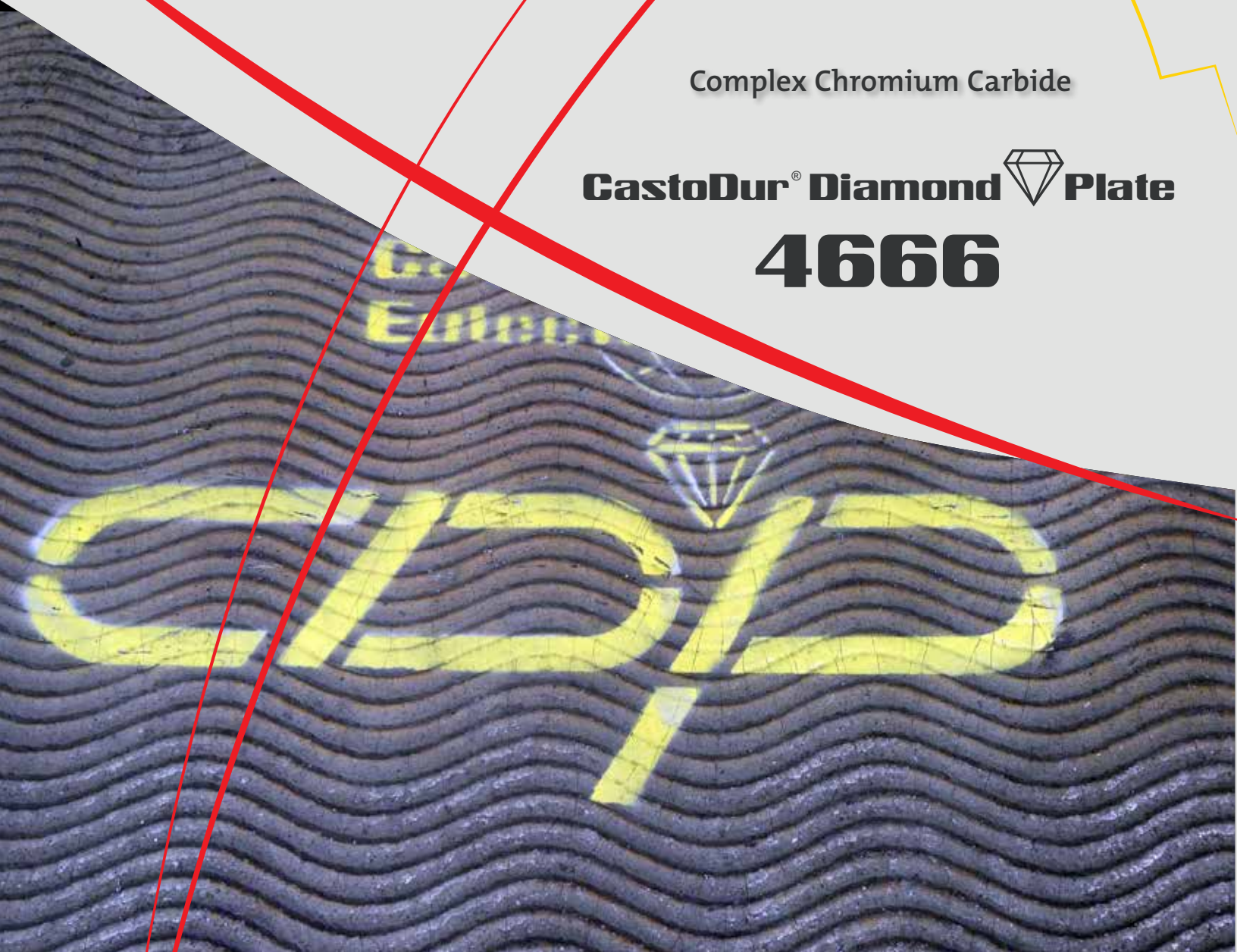




Complex Chromium Carbide

**CastoDur® Diamond  Plate**

**4666**



- Optimum resistance to wear by abrasion and erosion
- Proven wear performance due to its proprietary complex carbide alloy structure
- Excellent choice when particle abrasion creates costly change-outs
- Unique, sinus wave pattern provides premium wear performance

# CDP® 4666

CDP® 4666 is our proprietary **Complex Carbide Overlay** wear plate.

CDP 4666 is specifically designed for severe fine-particle abrasion and moderate impact conditions.

Depending on the specific application, wear performance can be extended up to 3 times than traditional CCO plates.

CDP 4666 is manufactured in a XuperWave-s pattern. The XuperWave-s pattern is a unique sinus weld bead geometry that provides additional value, improving even more wear performance and minimizing plate scrap.

- **Excellent Formability**
- **Increased Plant Productivity**
- **Improved Uptime**
- **Better Total Cost-of-Ownership**

## TECHNICAL DATA

### Typical Overlay Properties

Nominal Hardness:	61 - 64 HRC
Microhardness:	2100 - 2500 DPH
ASTM G65:	17 - 19 mm <sup>3</sup>
Plate Density:	7.86 g/cm <sup>3</sup>
Max. Service Temp.:	450°C
Typical Analysis:	Ultra Fine Complex Carbides

Plate Thickness (Base + Alloy)	Plate Dimension (Cladding Area)	lb / ft <sup>2</sup>
05+05 (3/8")	1400 x 3500	16
06+06 (1/2")	1400 x 3500	21
12+8 (3/4")	1400 x 3500	30
18+7 (1")   16+09 (1")	1400 x 3500	41

### STANDARD SIZE:

Standard Sheet: 1400 mm x 3500 mm (53 ft<sup>2</sup>)

- Made-to-spec base metal grade
- Custom plate sizes are available upon request
- Engineered overlay thickness varies from 3mm to 38mm

## PROCEDURE FOR USE

CDP 4666 premium wear plates are easily welded using Eutectic alloys.

### ELECTRODES

- Low and Medium carbon steels; high strength, low alloy steels:  
**EutecTrode® 966**

- Alloy steels; manganese steels; hardened steels: **EutecTrode® CEC 9598**

Attachment weld may be overlaid with **Abratec N6710 XHD** to protect against abrasive wear.

### WIRES

- Low and Medium carbon steels; high strength, low alloy steels: **EnDOtec® DO\*266S**

- Alloy steels; manganese steels; hardened steels:  
**EnDOtec® DO\*68S** or  
**TeroMatec® OA 3302**

Attachment weld may be overlaid with **SafeHard 700** or **TeroMatec® OA 4666** to protect against abrasive wear.

## TYPICAL APPLICATIONS

For wear protection of a wide range of steel components subject to severe abrasion or erosion by mineral particles, sand, rocks, gravel, etc. processed in the Mining, Quarrying, Earthmoving, Dredging, Sand/Gravel, Steel/Coke, Asphalt and Cement Industries.

- Transfer, Rock & Dump Chutes
- Feed, Load-Out & Rock Bin Liners
- Cyclones & Hoppers
- Truck Body Liners
- Bucket Liners
- Mine Skip Liners
- Crushers



**Eutectic Corporation:**  
N94 W14355 Garwin Mace Dr.  
Menomonee Falls WI, 53051 USA  
+1 800. 558. 8524 • eutectic.com

**Eutectic Canada:**  
428, rue Aimé-Vincent Vaudreuil-Dorion,  
Québec J7V 5V5 Canada  
+1 800. 361. 9439 • eutectic.ca



Follow Us On...



Rev2 - 02.2025  
801066