

- Proprietary laser-cladded plate developed for specific wear protection and lining
- Excellent wear performance with reduced overlay thickness
- Made-to-spec sizes and thicknesses for various wear applications
- Easy handling and maximized safety due to its lighweight properties



CDP® LC8

CDP® LC8 is a thin steel plate coated with a highly wear- resistant layer. The very high density of ultra-hard Tungsten Carbide phases, homogeneously distributed into a nickel-based matrix, offer an extreme resistance up to 10 times better than standard heat treated (HT) wearplates.

Consequently, similar or even superior life-times over high includes included the coated with a highly wear-plates.

CDP LC8 is a lightweight abrasion-resistant plate that combines easy manual installation with outstanding wear protection. Its low weight enables simple handling in confined spaces where lifting equipment isn't practical.

Despite its light weight, CDP LC8 delivers exceptional abrasion resistance, offering the best performance-to-weight ratio on the market for abrasive and erosive environments.

LaserClad® Technology

Due to it's low temperature, focused beam, laser technology has proved to be extremely effective for protecting parts exposed to high wear. Advantages over hardfacing techniques, such as welding, include:

- Very low dilution which keeps the intrinsic wear-properties unaltered
- Low dissolution of the wear-resistant Tungsten Carbides into the matrix to improve bonding and impact resistance
- Limited substrate deformation for easy installation and better wear resistance
- Lowest influence on base material properties of all coating processes
- Smooth and regular coating surface for improved wear and tolerances.

Base Metal Thickness	Coating Thickness	Plate Size	Usable Area	Plate Weight (lb)
0.12"	0.04"	39.5" x 39.5"	38.5" x 38.5"	77
0.16"	0.06"	39.5" x 39.5"	38.5" x 38.5"	106
0.12"	0.04"	78.75" x 39.5"	77" x 38.5"	154
0.16"	0.06"	78.75" x 39.5"	77" x 38.5"	212

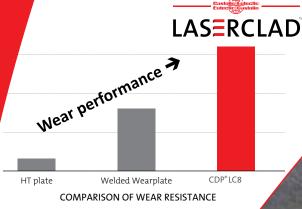
Key Features

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- Easy to handle
- Thin, formable & smooth
- Lightweight
- Up to 10 times better than standard heat treated (HT) wearplates



The plate's slim profile ensures it can line equipment interiors without altering the original geometry.

Its reduced weight minimizes mechanical stress on moving parts, extending service life and lowering maintenance requirements.

