

# Hardlite™

For Welding Professionals



## Ultra-thin composite wear plate

Hardlite™ is designed to withstand exposure to extreme abrasive wear combined with low levels of impact. This premium product is lightweight making it the ideal solution for areas where weight restrictions apply.

Hardlite™ consists of a homogeneous microstructure, finely grained and saturated with microscopic chromium carbide particles. The total carbide content averages 92%.



## Features

- Total plate thicknesses from 4 - 6 mm
- Harder than quartz (64 - 66 HRC)
- Wear resistance is fully maintained at temperatures of up to 300°C (570°F)
- Available as flat and tubular products
- Lighter than standard wear plates
- Extreme resistance to abrasion and erosion

## Benefits

- Reduced total cost of ownership
- Easily formable, despite very high hardness
- Easy and quick to install
- Increased service life of parts
- Optimised maintenance cycles
- Reduced maintenance demand
- Class-leading high hardness and a stable through-thickness wear rate



## Why choose this solution?

- Most suitable for wear protection of moving parts
- Ideally suited where weight restrictions apply
- Available matching weld materials for protection of internal joints and seams
- Can be supplied as pre-cut profiles to drawings or as manufactured components



## Improved Performance

The easily formable and lightweight nature of Hardlite™ combined with its extreme resistance to abrasion and erosion makes it the preferred solution for moving components such as, classifiers and cones, fan impellers

and many more. Components manufactured using Hardlite™ see significantly improved part lifetime across a range of industries, in turn reducing total cost of ownership.



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