

New! New! New! New! New! New! New! New!



INTRODUCING

WEAR PLATE & PIPE

Polyhard Wear Plate and Pipe

Weld Mold Company introduces Weld Mold 9900 Cladded Wear Plate. This is a composite plate consisting of an alloyed wear resistant cladding applied to a low carbon steel base plate. This process produces a welded plate which will take more abrasion and is harder and tougher than standard wear plate materials.

Weld Mold 9900 Cladded Wear Plate has a hardness of BHN 600+ and is easy to work with. The low carbon steel base plate allows the plate to be bolted, welded or stud welded for easy installation.

The composite wear plate represents a major innovation in applications with severe abrasion and moderate impact.



APPLICATIONS

- Breaker Plates
- Hoppers
- Buckets
- Chipper Hoods
- Chutes
- Conveyors
- Elbows
- Fan Blades
- Fan Housings
- Hammers
- Sizing Screens
- Cyclone Liners
- Pipes/ Elbows
- Scraper Blades

[see reverse for technical data]

YOUR ONE-STOP JOB SHOP FOR SPECIALTY WELDING ALLOYS

CONTACT US 750 Rickett Road, Brighton, MI 48116 USA | Office 810.229.9521 | Fax 810.229.9580 | Web www.weldmold.com



Polyhard Wear Plate & Pipe

STANDARD PLATE SIZES

- 4 foot X 8 foot (120 cm X 240 cm)
- 4 foot X 10 foot (120 cm X 300 cm)

Larger sizes, special thicknesses and custom sizes are available to your drawing or requirement.

PLATE THICKNESS

• Single Pass Overlay

1/8" on 1/4"	(3.2 mm on 6.5 mm)
1/8" on 5/16"	(3.2 mm on 7.8 mm)
1/8" on 3/8"	(3.2 mm on 9.4 mm)
1/8" on 1/2"	(3.2 mm on 13.0 mm)
1/4" on 1/4"	(6.5 mm on 6.5 mm)
1/4" ON 3/8"	(6.5 mm on 9.4 mm)
1/4" ON 1/2"	(6.5 mm on 13.0 mm)
1/4" ON 5/8"	(6.5 mm on 15.3 mm)
1/4" ON 3/4"	(6.5 mm on 18.8 mm)

• Double Pass Overlay

1/4" on 1/4"	(6.5 mm on 6.5 mm)
1/4" on 5/16"	(6.5 mm on 7.8 mm)
1/4" on 3/8"	(6.5 mm on 9.4 mm)
1/4" on 1/2"	(6.5 mm on 13.0 mm)
1/4" on 5/8"	(6.5 mm on 15.3 mm)
1/4" on 3/4"	(6.5 mm on 18.8 mm)
3/8" on 3/8"	(9.4 mm on 9.4 mm)
3/8" on 1/2"	(9.4 mm on 13.0 mm)
3/8 on 5/8"	(9.4 mm on 15.3 mm)
3/8 on 3/4"	(9.4 mm on 18.8 mm)
1/2" on 1/2"	(13.0 mm on 13.0 mm)
1/2" on 3/4"	(13.0 mm on 18.8 mm)
1/2" on 1.0"	(13.0 mm on 25.0 mm)

Alloy Type

High Chrome Carbide formulation on low alloy Austenitic plate

Typical Chemistry of Deposit

C	Mn	Si	Cr	Fe
6.00	1.00	1.50	29.00	BAL

Hardness

AW BHN 600+

Machinability

Grind

Cutting

Use plasma arc or Weld Mold Company "Firewire" (see Catalogue Data Sheet 9099)

Fabrication

Weld using Weld Mold Company 9340 High Strength Joining rod and cap weld with Weld Mold 9461 to match wear plate deposit.

Forming

Plate can be cold formed to a radius of 10 X material thickness

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