

ABRALOY 3000D

Newly formulated high recovery electrode designed specially to resist high temperature abrasion and severe erosion on carbon steels and austenitic manganese steels. Alloy has rapid deposition and high recovery rate leaving very little slag.

Applications:

Coal burner pipes, Fibrizer/Mincer hammers, Sinter breaker arms, Hot Slag Conveyors, Clinker Conveyor chains, Augers, Slurry pumps, Billet Conveyor Guides, Coke pusher shoes, vertical Coal mill rollers etc.

Procedure:

Remove damaged, oxidized and fatigued metal. Maintain short to medium arc, deposit stringer weave beads. Backfill crater. High carbon steel base metal to be preheated to 250°C. For higher build up on carbon or high alloy steels use Uniloy 624 as a cushioning layer. For manganese steels, restrict heat build up to 150°C and use Hadmoloy 140 or Xaloy 52 if necessary as a cushion layer. Slow cool after welding.

<u>Technical Data</u>	: ABRALOY 3000 D		
Size (mm), Ø	: 3.15	4.00	5.00
Recommended Welding Current (Amps)	: 120 - 150	140 – 180	170 – 200
Hardness	: 63 – 68 HRC		
Tip Colour	: Golden Brown		

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