

UP-FA Smooth-Surfaced Multiple Carbide Overlay

UP-FA is manufactured by advanced process to provide not only wear resistant overlay plate but also a very smooth surface for special application.

HARDNESS	700 ± 50 HV							
TYPICAL COMPOSITION (wt %)	C	Cr	Mn	Si	Mo	V	Fe	Other
	2.0	20.1	0.3	0.9	4.5	2.7	Bal.	B, W
AVAILABLE THICKNESS (mm)	A: Overlay 6-12 mm B: Base plate ≥ 6 mm							
AVAILABLE SIZE (mm)	1200 × 2400 max.							
ADVANTAGES	No weld beads and very smooth surface Low friction to reduce materials hanging up							
OPERATION TEMPERATURE	< 600 °C							
ASTM G65 Procedure A	0.15-0.18 (Undiluted Deposit)							
MACHINABILITY	Flame cutting, Plasma cutting, Saw cutting, Laser cutting, Water jet cutting, EDM, Gouging, Countersink, Stud bolt							
FORMABILITY	Minimum Radius: 250 mm (for 6+6, with overlay inward) Suggested: using hydraulic press machine to bend UP-FA							
APPLICATION	Anti-abrasion liner – Bucket, Hopper, Chute, Duct							

