

# ROYALFIL OA 762

## Applications

Vertical crushers armoring of conveyers for coal, clinker & glass. Alloy recommended for application involving silver high stress abrasion combined with low impact at temp. up to 450°C

## Characteristics on Usage

Royal Fil OA 762 is a self shielded fluxcored wire for wear protection of carbon steel, low or high alloy steel & manganese steel depositing extra hard material in a tough matrix gives very good wear resistance to fine abrasive particles of high hardness

## Welding Positions



1G

## Recommended Stick Out

30 - 40 mm

## Chemical Composition Of Weld Metal

Element	C%	Mn%	Si%	Cr %	Nb (Cb)
Typical Values	5.0	0.50	1.00	22.00	7.00

## Mechanical Properties Of Weld Metal

HARDNESS  
ON III rd  
LAYER

60 – 65 HRC

## Welding Parameters (DC + VE)

Diameter (mm)	Flat (A)	Flat (V)
2.40 – 2.80 mm	250-400	26-32

## Packing

10 Kgs. vaccum packed plastic spool