



PRODUCT DATA SHEET



ArcoCrush Cr28- SS (self- shielded)

ArcoCrush™ is a family of alloys tailored to meet the aggressive applications of Australian Industries wear management

CLASSIFICATIONS	AS/NZS 2576-2005, 2560-B7 EN 14700 T Fe15 60 GCZ
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ArcoCrush Cr28 is a cored self-shielded wire manufactured from high grade ferro-alloy additives and manufactured to exact formulation providing a rich balance and blend of carbide fractions.

The weld deposit contains chromium-rich primary carbides in a carbide-martensite eutectic matrix. Offering increased abrasion resistance over traditional chromium carbide formulation.

This versatile alloy performs exceptionally well in both fine and coarse abrasion providing armoured protection of components subject to severe abrasion and moderate impact.

Applications

Sugar mill crusher & hammers, coal pulveriser mill rolls & tables, agricultural tillage points, mining equipment, earthmoving equipment, (bucket lips, rippers), brick industry components, pump impellers, augers, slurry pipework cladding, wearplate cladding.

Post weld relief checking is normal. Best limited to two (2) layers maximum.

Gas shielding is not required, torch electrode positive polarity (DCEP)

Typical All- weld Metal composition (Weight%)

C	Si	Mn	Cr	Fe
4.9	0.9	1.3	26.3	Balance

Typical All- weld Metal Hardness range

58 HRc (1 layer)	60 HRc (2 layer)
578 HB	654 HB

PACKAGING

15kg spools, 25kg coils, 300kg PAK Drums

Wire diameter Sizes

1.2mm, 1.6mm 2.8mm