Setting the Industry Standard

High Performing Austarc® Electrodes

Trusted by the best

Miller

HOBART

Austarc® Electrodes

THE OPERATOR'S CHOICE

For over 45 years, Austarc electrodes have been the choice of professional welders everywhere thanks to their ease of use and reliability. The Austarc brand can be trusted to get the job done.

MANUFACTURED IN NEW ZEALAND

Manufactured in New Zealand, every electrode uses only the best quality steel. A strict manufacturing process ensures consistent product quality and reliability.

HIGH PERFORMING

Setting the industry standard for over 45 years, all Austarc products are high performing, easy to use and can handle the toughest welding projects.

NATIONAL DISTRIBUTION NETWORK

Austarc products are available Australia wide, through WIA's national specialist distribution network.

To find your local stockist call 1300 300 884.

TESTED & CERTIFIED

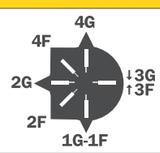
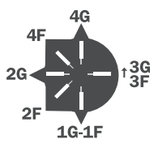
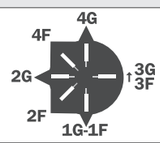
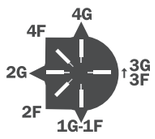
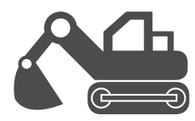
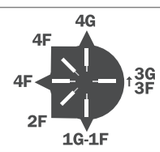
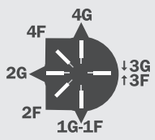
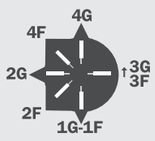
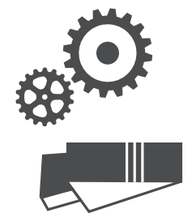
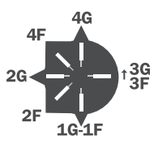
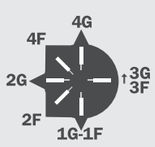
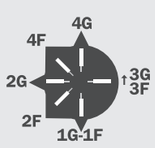
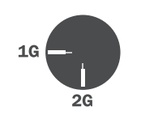
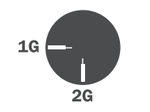
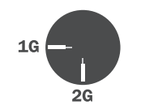
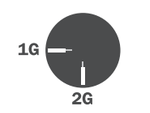
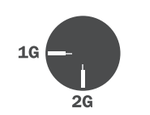
Every Austarc product is tested and certified to meet strict project quality assurance requirements.

CONSISTENT PRODUCT QUALITY

Quality assured, every Austarc electrode is guided by ISO 9001, a world recognised standard and is LR certified.

FLIP OVER FOR MORE INFORMATION ON THE FULL RANGE OF AUSTARC ELECTRODES

AUSTARC® ELECTRODE SELECTION CHART

PRODUCT		SIZE	PART NO.	DESCRIPTION	TYPICAL APPLICATIONS		ELECTRODE POSITION
GENERAL PURPOSE	Austarc 12P	2.0	12P20	› Smooth running easy starting electrode with fast freezing slag action. › Exceptional all positional electrode, exceptional vertical down capabilities. › Superb arc starting and restriking characteristics, tolerant to dirty materials eg. rust etc. › Ideal for the 'one electrode' workshop and joints with poor fit-up. › Especially suited to galvanised steel/tubing/sheetmetals etc.	› Bin frames, fences, trailers, agricultural equipment. › All general mild steel fabrication and repair work. › Wrought iron, square/rectangular tubing R/H sections. › Storage bins, tubular sections, general machinery.		
		2.5	12P25				
		3.2	12P32				
		4.0	12P40				
	Austarc 13S	2.0	13S20	› General purpose smooth running, easy starting electrode with a very fluid slag. › Versatile all positional electrode especially suited for vertical up welding. › Superior weld appearance and easy to use blue and white striped electrode. › Suitable for all galvanised steels including fencing, pipes, RHS, sheet metal and structural steels.	› Trailers, duct work, feed bins, silos, gates, fences and stock yards. › General machinery and joining light steel to heavy sections. › All agricultural machinery/components.		
		3.2	13S32				
		4.0	13S40				
		5.0	13S50				
IRON POWDER	Austarc 24	3.2	2432	› Easy to use, smooth running high iron powder, rutile type electrode. › For fast/high speed downhand welding of mild steel structures and plate. › Positive electrode arc starting and restriking characteristics. › Excellent slag detachability with good edge wetting.	› Excellent fillet welds in the down hand and horizontal position using the touch welding technique. › Heavy section/thick plate, large structural steel type welding jobs and repair work. › Trailer bodies, tanks, frames, rolling stock, build up repairs and farm machinery.		
		4.0	2440				
		5.0	2450				
LOW HYDROGEN	Austarc 18TC	2.5	18TC25	› An iron powder hydrogen controlled electrode used primarily on C-Mn and low alloy structural steels. › The unique twin-coat design for 18 type low hydrogen electrode offers excellent AC arc stability and superb DC+ arc transfer, excellent re-strike, reduced spatter level and extraordinary ease of use for out-of-position welding.	› Oil and gas, pipe welding, structural steel construction, off- shore where Ni-alloying is prohibited, mining equipment, heavy girders and earth moving plant repair and maintenance.		
		3.2	18TC32				
		4.0	18TC40				
	Austarc 16TC	2.5	16TC25	› Unique twin coated low hydrogen all positional (except vertical down) electrode that sets the standard. › Applications include carbon steel/high tensile steels, hard to weld and steels of unknown composition. › Very fluid slag action with the glassy slag easily removed from weld metal. › A great all rounder electrode with exceptional arc stability. › X-ray quality.	› Suitable for 'buttering layers'/build-up welding repairs. › High strength welds on agricultural steels, grouser bars and stick rakes. › Ideal for maintenance and repairs of all structural steel, stock grates (railway iron) and stock fencing. › Earth moving equipment and agricultural implements.		
		3.2	16TC32				
		4.0	16TC40				
		5.0	16TC50				
		6.0	16TC60				
	Austarc 77	2.5	7725	› Smooth running all positional (except vertical down) hydrogen controlled. › Exceptionally smooth iron powder flux coated electrode. › Performs like a general purpose electrode incorporating the weld metal strength of a hydrogen controlled electrode. › X-ray quality.	› Earth moving equipment. › Maintenance and general repair work. › Suitable for critical welding requirements.		
		3.2	7732				
		4.0	7740				
		5.0	7750				
STAINLESS STEEL	Staincord 309Mo-16	2.5	SC309MO25	› Superior extra low carbon, all positional (except vertical down), smooth arc action rutile type electrode. › Moisture resistant coated electrode with exceptional bead appearance and weld profile. › Low spatter electrode with excellent slag detachability.	› Suitable for welding dissimilar steels i.e. mild steel to stainless, low alloy steel to stainless steels. › Applications include welding of matching 309 and 309Mo base metals, 300 and 400 series stainless steels to alloyed and non alloyed dissimilar ferrous metal combinations.		
		3.2	SC309MO32				
	Staincord 316L-16	2.0	SC31620	› Staincord 316L-16 is an extra low carbon, rutile electrode, recommended for welding 316, 316L and common 300 series stainless steels. › Superior all positional (except vertical down), molybdenum bearing filler metal electrode. › Low spatter levels with excellent slag detachability for the critical welding of matching type 316 and 316L steels. › Moisture resistant coating suitable for welding ferritic stainless steel alloys.	› Suitable for critical welding of matching type 316 and 316L steels. › Applications found on boat fittings, wine industry and dairy machinery. › General welding of ferritic stainless steel alloys such as 409, 444 and 3Cr12. › Common 300 series stainless steels such as 301, 302, 304 and 304L.		
		2.5	SC31625				
		3.2	SC31632				
MAINTENANCE DISSIMILAR STEEL	Unicord 312	2.5	UC31225	› Unicord 312 is suitable for welding repairs and maintenance for steels of unknown composition. › All purpose electrode ideal for welding medium to high carbon or low alloy steels and dissimilar ferrous metal combinations. › Suitable as a buffer or intermediate layer prior to the application of hard surfacing layer.	› High tensile (770MPa), high chromium high strength nickel alloy steel specially formulated for joining all alloy steels and irons, tool and die maintenance. › For repair and maintenance of steels of unknown composition. › Also suitable as a buffer or intermediate layer prior to the application of hardsurfacing.		
		3.2	UC31232				
CAST IRON	Supercast Ni	3.2	SNI32	› Pure nickel, graphite coated AC/DC electrode producing a ductile, fully machinable weld deposit. › East striking, smooth running with low penetration and spatter levels. › High nickel electrode for repair and reclamation work. › Lower strength welding of cast irons, fully machinable deposits with good wetting action.	› Suitable for repair and reclamation of all standard grades of grey cast iron, malleable iron and austenitic cast irons. › Soft machinable nickel deposits for lower strength welding of cast iron steels. › Reclamation and repair of cast iron pullies, engine blocks, gear boxes, pump and machine housings.		
	Supercast Ni/Fe	3.2	SNIFE32	› High nickel, graphite coated AC/DC electrode for higher strength welds in grey and ductile metals. › Recommended for repair and reclamation of all standard grades of grey cast irons, malleable iron, austenitic cast iron and some grades of meehanite cast iron. › Machinable Nickel-Iron deposit for high strength ductile and SG (spheroidal graphite) irons. › Fully machinable weld deposits.	› Particularly suitable for (SG) spheroidal graphite iron and cast irons, malleable iron, austenitic cast iron and some grades of meehanite cast iron. › Repair and reclamation of all standard grades of grey cast irons. › Applications include higher strength grey cast irons, machine bases, pipes and gears.		
HARDFACING	Abrasocord 700	3.2	HF70032	› Hard, air hardening, martensitic type weld deposits. › Deposits are grindable. › Smooth running, air hardening martensitic Cr/Mo/V steel alloy for high loading abrasion applications. › Cannot be machined without prior heat treatment.	› Suitable for surfacing of post hole augers, agricultural points, shares and tynes, grader and cultivator blades. › Components subject to fatigue or flexing during service. › Single layer onto mild steel typical hardness 53-56 HRc, multi-layer typical hardness 55-60 HRc.		
		4.0	HF70040				
		5.0	HF70050				
	Abrasocord 350	3.2	HF35032	› Surfacing carbon and low alloy components. › A tough wear resistant air hardening C/Mn/Cr steel alloy which is machinable and can be readily hot forged.	› Heavy build-up and surfacing of steel components subjected to metal-to-metal wear and compressive loading. › Typical applications track components, gears and shafts. › Single layer onto mild steel typical hardness 30-35 HRc, multi-layer typical hardness 35-40 HRc.		
		4.0	HF35040				
	Abrasocord 43	3.2	AC4332	› Very hard chromium/niobium carbides deposits. › Hard, complex carbide/austenite deposit that is grindable only. › Deposits exhibit exceptional resistance to extreme abrasion and moderate to heavy impacts.	› Suitable for extreme abrasion and moderate to heavy impact. › Service applications, press screws, grizzly bars, crusher hammers, ripper teeth and shovel teeth and lips. › Single layer onto mild steel typical hardness 60-65 HRc, multi-layer typical hardness 64-69 HRc.		
		4.0	AC4340				
	Tubecord D-2355	6.3	TUBD60	› Weld deposit offers improved abrasion resistance through high levels of carbon and chromium. Ideal for hard surfacing components subjected to heavy abrasion and moderate impact loading.	› Dredge bucket lips, shovel buckets, scraper and dozer sides, cone crushers and mil hammers etc. Deposits are grindable, subject to relief checking and may be multi-layered up to 3 layers. › Single layer onto mild steel typical hardness 55-60 HRc.		
	Tubecord E-2460	6.3	TUBE60	› Weld deposit contains carbon, chromium, niobium and molybdenum for good resistance to both impact and abrasion.	› Grizzly bars, bucket teeth, crusher hammers, rail ballast tampers, dredger and ripper teeth. › Single Layer onto mild steel typical hardness 58-61 HRc.		

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