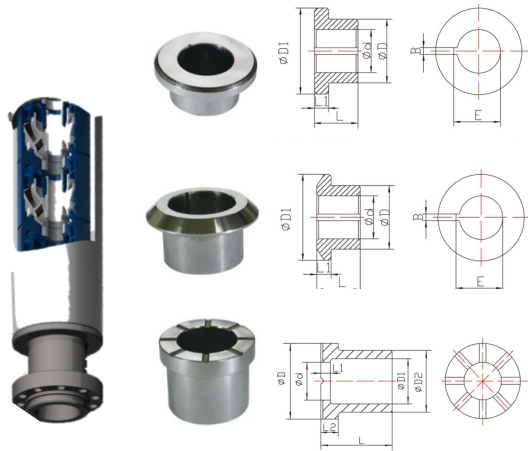




Products for Artificial Lift Systems

Electrical Submersible Pump Products

Solid Carbide Bushings and Sleeves



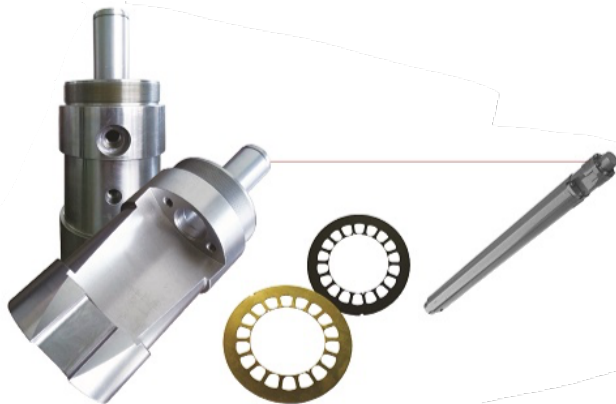
Heads and Bases



Impellers and Diffusers



Motor Components

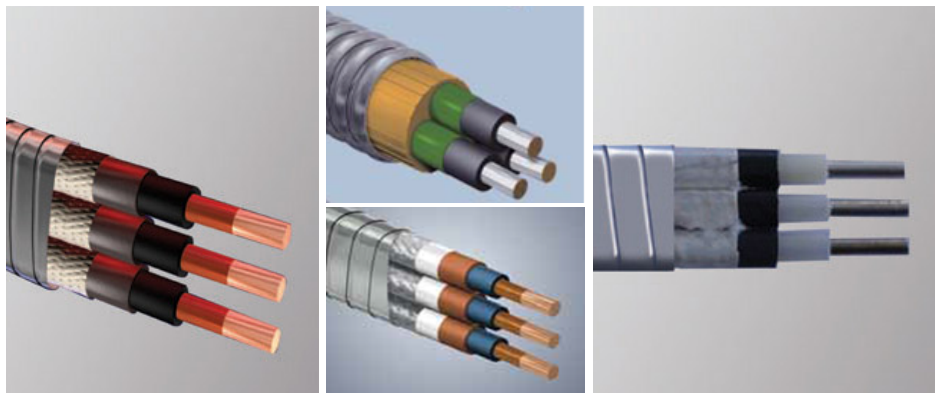


Gas Separation



Electrical Submersible Pump Cable Products

Multiple Cable Configurations



Sample / Typical Cable Specification

Description			CABLE, FLAT V450 #2 5KV LEAD GALV*	
Category	Item		iAlloys Technical Spec	Target Specification
Structure	Conductor		Φ6.55±0.05mm Copper	Φ6.55 Copper
	Insulation	Nominal Thickness	1.90mm	1.90mm
		Minimum Thickness	≥1.71mm	90% of Nominal
	Sheath	Minimum Thickness	≥0.91mm	Not be less than 0.039 in (0.91 mm)
		Armor	Dimension	12.7mm x 0.5mm
	Nominal Lap		≥40%	3/16"
	Appearance		No deformations, gaps or cracks	The surface of the solid conductors is not to show cracks, scale, burr, rough areas or inclusions.
	Nominal Cable Dimension (Height x Width)		≤16.4mm x 42.2mm	1.661 x 0.644 (42.2 x 16.4)
Electrical	Voltage Test (50HZ) 15.6°C		DC35kV & AC13kV, 5min., No puncture on the insulated conductors	13 kV (AC) and 35 kV (DC)
	Insulation Conductance Test		Leakage Current ≤0.80uA/kV/km	Section 4.5.1.4
	15.6°C	Insulation Test	≥1248M Ω /km	Section 4.5.1.2
	20°C	Conductor Electrical Resistance	≤0. 566 Ω /km	0. 566 Ω /km Max
		Maximum Conductor Unbalance Ratio	≤2%	0.020 A/kV/kft

Electrical Submersible Pump Protection Products

Complete Range of Cable / Control Line / Hydraulic Line Protection



Additional Artificial Lift Products

Balls and Seats



Flow Control Cages



Mechanical Seals for Pumps



Custom Components



Customized, Advanced Wear Solutions

Interstitial Alloys (iAlloys), a Houston, Texas-based subsidiary of the AsiaTech Group, produces an extensive range of products including cemented carbides, diamond, specialty powders, and fully integrated manufacturing of components and assemblies that provides our customers with increased performance and profitability.

With decades of experience in producing hard materials and engineered products, iAlloys brings added value to our customers by providing application-specific material selection, product engineering and design, complete testing capabilities, and full logistical support.



FULLY INTEGRATED MANUFACTURING

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