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**NOCKERS**  
ENGINEERING PRODUCTS

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**FLUX CORE WIRES FOR ELECTRO GAS WELDING**

Brand Name	Size (mm)	Equivalent Specification	Welding Position	Shielding Gas	Type of Current	Typical Chemical Composition of All-Weld Metal (%)								Typical Mechanical Properties of All-Weld Metal				Characteristics and Applications	Approvals
						C	Si	Mn	P	S	Cr	Mo	Ni	Y.S (MPa)	T.S (MPa)	EI. (%)	I.V (J)		
K-EG2	Single	AWS A5.26 JIS Z 3319 EG70T-2 YFEG-22C	V-up	CO <sub>2</sub>	DC(+)	0.04	0.33	1.65	0.012	0.011	-	0.24	0.03	448	576	30	120 (-20°C)	For single type of electro gas welding (3Y grade) Excellent low temperature toughness at high input (200~270KJ/cm)	ABS, BV, DNV, GL, LR, KR, NK, CCS
K-EG3	Single	AWS A5.26 EG70T-G	V-up	CO <sub>2</sub>	DC(+)	0.04	0.20	1.50	0.011	0.012	-	0.24	1.80	475	597	28	80 (-60°C)	For single type of electro gas welding (6Y grade) Excellent low temperature toughness at high input(200~270KJ/cm)	-
K-EG3 * K-EG3R	Tandem	AWS A5.26 EG70T-G	V-up	CO <sub>2</sub>	DC(+)	0.04	0.20	1.50	0.014	0.009	-	0.14	1.50	430	550	25	85 (-20°C) 50 (-40°C)	For tandem type of electro gas welding Excellent low temperature toughness at high input(600~650KJ/cm)	-

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