

SW·ER316L



不 锈 钢 气 体 保 护 焊 丝
MIG WIRES FOR STAINLESS STEEL

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执行标准 CLASSIFICATION

符合 GB/T 29713 S316L AWS A5.9 ER316L ISO 14343-A-G 19 12 3 L

产品特性 DESCRIPTION

SW-MG316L 焊丝主要成分是超低碳 C-18Cr-12Ni-2Mo，为不锈钢 MIG 焊丝，可全位置焊接。焊接作业性极佳--送丝顺畅、电弧稳定、成形美观、飞溅极少。因含 Mo，对于醋酸、亚硫酸、磷酸及盐类的防腐蚀性优良。

The main component of SW-MG316L welding wire is ultra-low C-18Cr-12Ni-2Mo, which is stainless steel MIG welding wire, which can be welded in all positions. It has excellent welding performance, smooth wire feeding, stable arc, beautiful shape, and very little spatter. Because it contains Mo, it has excellent corrosion resistance to acetic acid, sulfurous acid, phosphoric acid and salts.

应用 APPLICATIONS

常应用于石油化工、化肥设备，如 022Cr17Ni12Mo2 (SUS 316L) 等材料的焊接。

It is often used in the welding of petrochemical and fertilizer equipment, such as 022Cr17Ni12Mo2 (SUS 316L) and other materials.

电源类型 Current type

焊枪接正电极 DC+

保护气体 Protection

100%Ar

焊接位置 WELDING POSITIONS

平焊、角焊、仰焊、立向上焊、立向下焊 Flat, fillet, tilt, vertical up, vertical down

熔敷金属化学成分 Chemical composition of welded metal %

项目	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V
GB/T Standard	≤0.03	0.3-0.65	1.0-2.50	≤0.030	≤0.030	≤0.75	11.0-14.0	18.0-20.0	2.0-3.0	-
例值 Typical values	0.023	0.42	1.90	0.009	0.008	0.28	12.59	19.12	2.59	-

作业条件 OPERATING CONDITIONS

直径 Diameter [mm]		Φ0.8	Φ1.0	Φ1.2
电流 Current [A]	平焊 Flat	80~150	120~220	150~240

包装 PACKAGING

1kg 5kg 15kg 盘装 Coil 也可以定制其他包装和规格 Other packaging and other diameters: please consult us

40-1000mm × 5kg 10kg 直条焊丝 Straight Stick Welding Wire