

ISO 9001:2008



MIG ER4043 ลวดเชื่อมอลูมิเนียม

ER4043 เป็นลวดเชื่อมฐาน ชิลิคอน สามารถใช้เชื่อม อลูมิเนียมเกรด 2014, 5052, 6061 และ 6101 ได้ ทนต่อ การุกัดกร่อนได้เป็นอย่างดี ในน้ำเค็ม

ER4043 is a silicon alloyed aluminum weld rod great for filler 4xxx series alloys. 2014, 5052, 6061, and 6101 (in various conditions of heat treatment and 6063 sheets, plates and shapes). Offers better corrosion resistance in salt waterconditions.



Meci	hanical Properties	10/-:	Price		
Size (mm)	Tensile Strength	Elongation	Weight	PIICE	
0.8	-	-	0.5 kg	420/ม้วน	
1.2	-	-	6.0 kg	360/กก.	



CHEMICAL COMPOSITION (%)									
ELEMENT	Fe	Si	Mn	Mg	Zn	Cu	Τί		
REQUIREMENT	≤0.8	4.5~6.0	≤0.05	≤0.05	≤0.10	≤0.30	≤0.20		
ACTUAL RESULT	0.10	5.1	0.01	0.003	0.003	0.03	0.02		

Application:

- โครงสร้างรถบรรทุก (Truck Bodies)
- ถังแรงดัน (Pressure Vessels)
- ชิ้นส่วนยานยนต์ (Automotive Components Such as Frame and Drive Shafts)
- โครงสร้างสิ่งก่อสร้าง (Structural Members)
- ระบบไฟฟ้ารถบัส (Electrical Bus Bars)
- ท่อส่งน้ำมัน (Petroleum Distribution Equipment)

สินค้าแนะนำที่ใช้คู่กับลวดเชื่อมอลูมิเนียม ER4043 <u>ข**นาด 0.8mm 0.5 กก./ม้วน**</u>

ชุดสายเชื่อมสปูนกัน SPOOL GUN

200A

9400.-/Pc



EXCEPTIONALLY

SMOOTH WELDS

เนียนมาก



ISO 9001:2000 AWS A5.10 ER5356



ER5356 เป็นลวดเชื่อมอลูมิเนียมฐานแมกนีเซียม

สามารถใช้เชื่อมอลูมิเนียมเกรด 5050, 5052, 5083, 5086, 5356,

5454 และ 5456 ได้ให้ ความแข็งแรง

สูงมากมีความเหนียวและต้านทาน การกัดกร่อนได้ดี

ER5356 is a 5% magnesium aluminum weld metal recommended for general purpose welding 5050, 5052, 5083, 5086, 5356, 5454 and 5456. has high strength, ductility, toughness, fatigue and good corrosion resistance.

Welding Position:

สามารถเชื่อมได้ทุกท่าเชื่อม(All, expect vertical down)



= มีสินค้า











หน่วย : mm

1.2 6.00 4



For MIG: set machine on DC reverse polarity. Use Ar shielding gas. Make sure all contaminants such as grease and oil are removed. Hold a short arc and weld with stringer beads or a slight weave bead.

Recommended: This alloy is not recommended for elevated temperature applications (above 150°F)

Storage: Product should be stored in a dry, enclosed environment, and in its original intact packaging.

Mec	hanicalPropertie	107 1 1 1	Drice		
Ø Size (mm)	Tensile Strength	Elongation	Weight	Price	
1.2	-	-	0.6 kg	450/กก.	

Shielding Gases (ACC.ISO 14175)

Inert gas Ar (100%)

Inert gas Ar+ 0.5-95% Helium mixtures

Flow rate 4.2 - 23.6L/min

90

CHEMICAL COMPOSITION (%) Ø1.2 mm										
ELEMENT	Fe	Si	Mn	Cr	Zn	Mg	Cu	Ti		
REQUIREMENT	≤0.4	≤0.25	0.05~0.2	0.05~0.2	≤0.1	4.5~5.5	≤0.1	0.06~0.2		
ACTUAL RESULT	0.12	0.026	0.082	0.061	0.020	5.12	0.01	0.12		

Application : เหมาะสำหรับใช้ในงานอุตสาหกรรม • อุตสาหกรรมโครงสร้างการต่อเรือ • อลูมิเนียมหล่อ และเสื้อสูบเครื่องยนต์ • ฝาสบ • ท่อหรือเฟรม • อตสาหกรรมเฟรมจักรยาน ยานยนต์ รถบัส หรือรถพ่วง • อตสาหกรรมรางรถไฟ

This alloy is commonly used in the construction industry in • Structural Frames in The Shipbuilding Industry. • Cts and Housings. Cylinder Heads.
 Pipes and Frames.
 Bicycle, Automotive, Bus and Trailer Industry tructural Frames.
 Railway Industry.

TYPICAL GMAW (MIG) WELDING PROCEDURES - DCEP 100% Ar

TIFICA	TIFICAL GMAW (MIG) WEEDING PROCEDURES . DCEP 100 % AI								
Wire Dia	meter	Amps	Volts	Travel Speed (ipm)	Argon (cfh)				
0.8 n	nm	60 - 175	15 - 24	25 - 45	25 - 30				
0.9 n	nm	70 - 185	15 - 27	25 - 40	30 - 35				
▶ 1.2 n	nm	125 - 260	20 - 29	24 - 35	35 - 45				
1.6 n	nm	170 - 300	24 - 30	28 - 38	45 - 55				
2.4 n	nm	275 - 400	26 - 31	14 - 20	60 - 75				

PROTECT yourself and others. Read and understand this information. FUMES AND GASES can be hazardous to your health. ARC RAYS can injure eyes and burn skin. ELECTRIC SHOCK can KILL. • Before use, read and understand the manufacturer's instructions, Material Safety Data Sheets (MSDSs), and your employer's safety practices. • Keep your head out of fumes. • Use enough ventilation, exhaust at the arc, or both

to keep fumes and gases from your breathing zone and the general area. • Wear correct eye, ear, and body protection.

• Do not touch live electrical parts.



















er 705-6

CO₂ WELDING WIRE

ISO 9001:2015 WG ER50-6 ISO 135i1 C€

BENEFITS:

Consistent welding performance

· Stable arc with low feeding force

· Excellent arc ignition

High current applicability

Extremely low overall spatter

Low fume emission

 Trouble-free feed ability, even at high wire feed speeds and lengthy feed distances

WELDING POSITIONS













A general purpose of welding wire with copper coated for long contact tip life is provides superior feeding and arc stability design for fabrication of mild steel. Contains higher levels of manganese and silicon than the other standard grades of MIG wire, provide high deoxidizers to heavy mill scale surfaces that provide better wetting, yielding a flatter bead shape and the capability of faster travel speeds. Usually used with 75/25 (Argon/CO₂) shielding gas or higher contents of Argon, such as 90/10. Can also be used with 100% CO₂. Conforms to AWS A5.18 ER70S-6.

APPLICATIONS: SUMO ER70S-6 It is a great choice for welding light to moderately scaled, oily or rusty plates. It can also be recommended for spray transfer arc welding applications. Used for butt and fillet welding of sheet and plate of a variety of thickness. Applications included general carbon steel fabrication.

STORAGE:

Product should be stored in a dry, enclosed environment, and in its original intact packaging.

Chemical Composition (%) - 1KG										
Element	С	Si	Mn	S	Р	Cr	Ni	Мо	V	Cu
Requirement	0.06-0.15	0.8-1.15	1.4-1.85	≤ 0.035	≤ 0.025	≤ 0.15	≤ 0.15	≤ 0.15	≤ 0.03	≤ 0.5
Actual Result	0.06	0.9	1.51	0.016	0.012	0.013	0.005	0.002	0.002	0.13
.0	Mech	anical Pr	operties	× 20		Soundness Test				
	Tensile Strength	Yield Strength	Elongation%	Test Temp °C	Absorbed Energy J			\mathbb{I}		
Requirement	≥ 480	≥ 400	≥ 22	-30	≥ 27					
Sample Test	545	432	30	-30	86 94 90	Acceptable				

	Chemical Composition (%) - 5 / 15KG												
Element	С	Si	8	М	n	,	S	Р	Cr	Ni	Мо	V	Cu
Requirement	0.06-0.15	0.80-1	.15	1.40-	1.85	≤ 0	.035	≤ 0.025	≤ 0.15	≤ 0.15	≤ 0.15	≤ 0.03	≤ 0.50
Actual Result	0.074	0.91		1.4	48 (010	0.017	0.015	0.017	0.011	0.007	0.036
	Mech	anical	Pro	pert	ies				Soundness Test				
	Tensile Strength	Yield Strength		gation %	Test To		Absor	bed Energy J	π				
Requirement	≥ 480	≥ 400	≥ 2	2.0	-30	30		≥ 27			П		
Sample Test	546	449	27	7.0	-30	0	71	91 73		А	cceptabl	e	

บนาด Size (mm)	นำหนัก _{Weight (kg)}	SIAI (Price)
0.8	1	105 /kg
▶ 0.8	5	70 /kg
▶ 0.8	15	60 /kg
▶ 0.9	15	60 /kg
▶ 1.0	15	58 /kg
▶ 1.2	15	57 /kg
• 1.2	250	XX /kg

SHIELDING GAS:

100% CO₂ 75-95% Argon / Balance CO₂ 95-98% Argon / Balance O₂ Flow Rate : 30-50 CFH

GUIDELINE FOR USE :

Oil stains and rust must be removed from surface of weldment prior to welding in accordance with appropriate welding standards.























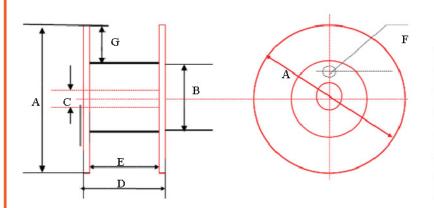
CO₂ WELDING WIRE

ISO 9001:2015 WG ER50-6 ISO 14341-A - G 42 3 C1 3Si1 CE

 1_{kg}

STABLE ARC WITH LOW FEEDING FORCE & EXTREMELY LOW OVERALL SPATTER

Factory control standard For Plastic Spool precision layer winding CO2 wire

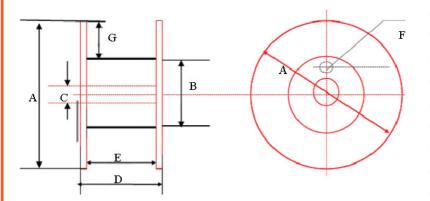


D100 (Black)

Main parameter

iviaiii pai	ametei	
1	С	16 +0.5mm
2	Α	100 +5mm
4	В	45 +2mm -2mm
5	G	28.5 +0.5mm -0.5mm
6	D	42 +1.5mm -1.5mm
7	E	38 +1mm –1mm

53 +5g -5g

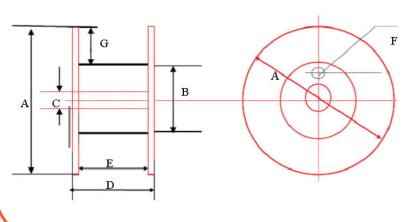


D200 (Black)

Main parameter

Weight

1	С	50.5 +2.5mm
2	Α	200 +5mm
4	В	95 +2mm -2mm
5	G	44.5 +0.5mm -0.5mm
6	F	11 +1mm
7	D	56 +1.5mm -1.5mm
8	Е	46 +1mm -1mm
9	Weight	260 +10g -10g



D270 (Black)

Main parameter

1	С	50.5 +2.5mm
2	Α	270 +5mm
4	В	138 +2mm -2mm
5	G	60 +0.5mm -0.5mm
6	F	11 +1mm
7	D	102 -3mm
8	Е	90 +1mm -1mm
9	Weight	680 +10g -10g







GASLESS FLUX CORED WELDING WIRE

AWS E71T-GS

ลวดเชื่อมมิกฟลักซ์คอร์

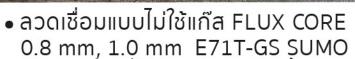
4.5 cm

ใช้ได้กับ**งานเชื่อมเหล็กทุกชนิด**

the company of the party of the same control



WIRE



• เป็นลวดเชื่อมที่ไม่มีการสึกหรอเป็นเชื้อเพลิง ขั้นพื้นฐานที่ออกแบบมาสำหรับการเชื่อม ตำแหน่งเหล็กอ่อนในทุกตำแหน่งที่ต้องการ

• ความแข็งแรงระดับปานกลางและ ความเหนียวที่ดีมาก

ไม่ใช้แก๊ส GASLESS WIRE

Reference Current (DC+)

Wire Diameter	Amps
Ø0.8 mm	70-120
Ø1.0 mm	80-180



	Mecha	nicalProperties		QTY	Weight	Price
	Size (mm)	Tensile Strength	Elongation	Spool / Box	vveignt	1 HCE
D	Ø0.8	-	-	1	1 kg	188/กก.
	Ø0.8	-	-	1	5 kg	180/กก.
D	Ø1.0	-	-	1	1 kg	180/กก.
	Ø1.0	-	-	1	5 kg	160/กก.



Storage product should be stored in a dry, enclosed environment, and in its original intact packaging.



CHARACTERISTIC:

This kind of wire is 1kg, 5kg self protective flux cored wire.

For all position. When welding, the spatter is smaller, the arc is stable and soft, slag removal is easy and the forming is beautiful.

Trade Name	E71T-GS	Si	ize (mm)	0.8 mm	•	1.0 mm	Producti	ion Batch			DATE:	
Executive Standard		GB/T	10045-2001	E501T-GS	(AWS A	5.20 E71T-0	SS)		Quantities	1 KG	5 KG	
Chemi	cal Compos	ition (%)	Ø0.8 mm , Ø	ð1.0 mm		Mechanical Properties of Deposited					,	
С	Mn	Si	Р	S	AI	Tensile S	-	Yield Str MPa		ongation &(%)	Impact Energy -20 °C	
0.12	0.89	0.32	0.012	0.009	1.23	54	0	476	;	27	110/107/112	
Examination Clerk			Quality	Leader	This certificate is invalid without seal of quality co					lity control department.		

ELECTRIC SHOCK CAN KILL:

- Insulate welder from workpiece and ground using dry insulation. Rubber mat or dry wood.
- Wear dry, hole-free gloves. (Change as necessary to keep dry.)
- Do not touch electrically "hot" parts or electrode with bare skin or wet clothing. • If wet area and welder cannot be insulated from workpiece with dry insulation, use a
- semiautomatic, constant-voltage welder or stick welder with voltage reducing device.
- Keep electrode holder and cable insulation in good condition. Do not use if insulation damaged or missing.

WELDING SPARKS CAN CAUSE FIRE OR EXPLOSION:

- · Do not weld on containers which have held combustible materials (unless strict AWS F4.1 procedures are followed). Check before welding.
- Remove flammable materials from welding area or shield from sparks, heat.
- Keep a fire watch in area during and after welding. Keep a fire extinguisher in the welding area. Wear fire retardant clothing and hat. Use earplugs when welding overhead.

ARC RAYS CAN BUR EYES AND SKIN:

· Select a filter lens which is comfortable for you while welding. Always use helmet when welding.
 Provide non-flammable shielding to protect others. . Wear clothing which protects skin while welding.

FUMES AND GASES CAN BE DANGEROUS:

- Use ventilation or exhaust to keep air breathing zone clear, comfortable. Use helmet and positioning of head to minimize fume in breathing zone.
- · Read warnings on electrode container and material safety data sheet (MSDS) for electrode.
- Provide additional ventilation/exhaust where special ventilation requirements exist.
 Use special care when welding in a confined area.
- Do not weld unless ventilation is adequate.

CONFINED SPACE:

- Carefully evaluate adequacy of ventilation especially where electrode requires special ventilation or where gas maydisplace breathing air.
- · If basic electric shock precautions cannot be followed to insulate welder from work and electrode, use semiautomatic, constant-voltage equipment with cold electrode or stick welder with voltage reducing device.
- Provide welder helper and method of welder retrieval from outside enclosure.

WELDING POSITIONS







ISO 9001:2005



AWS E71T-1 ลวดเชื่อมฟลักซ์คอร์

SHIELDING GAS 100% CO₂ shielding gas.

ลวดเชื่อมฟลักซ์คอร์ 1.2 mm E71T-1 เป็นลวดเชื่อมที่มี ฟลักซ์คอร์ อยู่ในแกนกลาง ของลวดเชื่อม เหมาะสำหรับงานเชื่อมต่อเรือ ชิ้นส่วนรถยนต์ หรืออุตสาหกรรมที่มีขนาดใหญ่

Sumo AWS E71T-1

Is a flux-cored welding wire basic-rutile designed for all position welding of mild steel in applications requiring moderate levels strength and very good toughness. Impact values of weld metal are good.

All position welding of machinery, shipbuilding, bridges, offshore structures, Structural fabrication.

- Excellent mechanical properties.
- Slag system provides for puddle support, good wetting, and bead shape in all position.
- Arc action and metal transfer are smooth.
- Slag removal is easily achieved with hand tools.
- One sided welding is possible with ceramic backing and will produce
- Applications include those in general fabrication, Ship or barge construction, building or bridge erection, and off-shore industries.
- Manufactured under a quality system certified to ISO 9001 requirements.

มิสินค้า

Mechan	icalPrope	rties	QTY	Weight	Drico		
Size (mm)	Tensile Strength	Elongation	Spool / Box	weight	Price		
▶Ø1.2	-	-	1	15 kg	110. -/กก.		

Reference Current (DC+)

Wire Diameter Amps

Ø1.2 mm 160-320A

SUGGESTION:

Product should be stored in a dry, enclosed environment, and in its original intact packaging.



ข้อแนะนำ : พลิตภัณฑ์ควรเก็บไว้ในที่แห้ง

Trade Name		E71	T-1	Size (mm	1)	1	.2 mm	Production Batch		tion Batch	DATE :		DATE :
Executive Standard GB/T10045-2001 E501T-1 (AWS A5.							D E71T-1C) Quantities : 15 kg					15 kg	
Chemical Composition (%) Ø1.2 mm							Mechanical Properties of Deposited						d
С	Mr	n	Si	Р	s	3	Tensile Str MPa	_	th	Yield Strength MPa		Longation &(%)	Impact Energy -20 °C
0.06	1.4	14	0.41	0.012	0.0	09	557		485		27	110/107/112	
Examination Clerk			Quali	ty Leader					This ce	rtificate is inva	lid with	out seal of qual	ity control department.

ELECTRIC SHOCK CAN KILL:

- Insulate welder from workpiece and ground using dry insulation. Rubber mat or dry wood.
- · Wear dry, hole-free gloves. (Change as necessary to keep dry.)
- Do not touch electrically "hot" parts or electrode with bare skin or wet clothing.
- If wet area and welder cannot be insulated from workpiece with dry insulation, use a semiautomatic, constant-voltage welder or stick welder with voltage reducing device.
- · Keep electrode holder and cable insulation in good condition. Do not use if insulation damaged or missing.

WELDING SPARKS CAN CAUSE FIRE OR EXPLOSION:

- Do not weld on containers which have held combustible materials (unless strict AWS F4.1 procedures are followed). Check before welding.
- · Remove flammable materials from welding area or shield from sparks, heat.
- Keep a fire watch in area during and after welding.
 Keep a fire extinguisher in the welding area. Wear fire retardant clothing and hat. Use earplugs when welding overhead.

ARC RAYS CAN BUR EYES AND SKIN:

- · Select a filter lens which is comfortable for you while welding.
- Always use helmet when welding.
 Provide non-flammable shielding to protect others. . Wear clothing which protects skin while welding.

FUMES AND GASES CAN BE DANGEROUS:

- Use ventilation or exhaust to keep air breathing zone clear, comfortable.
 Use helmet and positioning of head to minimize fume in breathing zone.
 Read warnings on electrode container and material safety data sheet (MSDS) for electrode.
- Provide additional ventilation/exhaust where special ventilation requirements exist.
- · Use special care when welding in a confined area.
- Do not weld unless ventilation is adequate.

CONFINED SPACE:

- Carefully evaluate adequacy of ventilation especially where electrode requires special ventilation or where gas maydisplace breathing air.
- If basic electric shock precautions cannot be followed to insulate welder from work and electrode, use semiautomatic, constant-voltage equipment with cold electrode or stick welder with voltage reducing device.
- Provide welder helper and method of welder retrieval from outside enclosure.

WELDING POSITIONS







EN17632 & CE 0035-CPD-C742-15



MIG E71T-1C ลวดเชื่อมฟลักซ์คอร์

HIELDING GAS

100% CO₂ shielding gas.

แนวเชื่อมมันเงา อาร์คได้นิ่ม สะเก็ดไฟน้อย

Sumo E71T-1C

is a flux-cored welding wire basic-rutile designed for all position welding of mild steel in applications requiring moderate levels strength and very good toughness. Impact values of weld metal are good.

APPLICATIONS

All position welding of machinery, shipbuilding, bridges, offshore structures, Structural fabrication.

CONFORMANCE

ISO 9001:2000 AWS A5.20 E71T-1C

- Excellent mechanical properties.
- Slag system provides for puddle support, good wetting, and bead shape in all position.
- Arc action and metal transfer are smooth.
- Slag removal is easily achieved with hand tools.
- One sided welding is possible with ceramic backing and will produce excellent results.
- Applications include those in general fabrication, Ship or barge construction, building or bridge erection, and off-shore industries.
- Manufactured under a quality system certified to ISO 9001 requirements.

▶ มิสินค้า

	icalPrope		QTY	Weight	Drice	
Size (mm)	Tensile Strength	Elongation	Spool / Box	vveignt	Price	
⊳Ø1.2	-	-	1	15 kg	140. -/กก.	

Reference Current (DC+)

Wire Diameter	Amps
Ø1.6 mm	180-450A
Ø1.2 mm	120-300A

SUGGESTION:

Product should be stored in a dry, enclosed environment, and in its original intact packaging.

APPROVALS

CCS 3YSH10 LR 3YSH10 GL 3YH5S ABS 3YSAH10 DNV IIIYSH10 BV SA3YMH10 NK KSW53GH10 RINA 3YSAH10

ข้อแนะน่า : พลิตภัณฑ์ควรเก็บไว้ในที่แห้ง

	CHEMICAL COMPOSITION (%) Ø1.2mm													
ELEMENT	C	Mn	Si	S	P	Cr	Νi	Мо	V	Cu				
REQUIREMENT	≤0.12	≤1.75	≤0.90	≤0.03	≤0.03) =	-	-	-	-				
ACTUAL RESULT	0.048	1.22	0.38	0.0038	0.012	-	-	-	-	-				

9 cm

	Mechanical Properties											
	Tensile Strength MPa	Yield Strength MPa	Elongation (%)	Impact Temp (°C)	Impact Value (J)							
Requirement	≥490	≥400	≥22	-20	≥47							
Real Parameter	529	462	26	-20	54 63 119							

WELDING POSITIONS



1G



2G











<u>/Ŷ</u>WARNING

PROTECT yourself and others. Read and understand this information. FUMES AND GASES can be hazardous to your health. ARC RAYS can injure eyes and burn skin. ELECTRIC SHOCK can KILL. · Before use, read and understand the manufacturer's instructions, Material Safety Data Sheets (MSDSs), and your employer's safety practices. • Keep your head out of fumes. • Use enough ventilation, exhaust at the arc, or both, to keep fumes and gases from your breathing zone and the general area. • Wear correct eye, ear, and body protection. • Do not touch live electrical parts.













STAINLESS STEEL MIG ER3

MIG ER308LSi สำหรับงานเชื่อมสแตนเลสเกรด 304 และ 304L หรือสแตนเลสทั่วไปในกลุ่ม Austenitic ที่จะนิยมเรียกกันว่า "18-8" มีคุณสมบัติดีกว่า ER308L เนื่องจากมีส่วนผสมของซิลิกอุน จึงทำให้การเชื่อมมีประสิทธิภาพดีกว่ามีลักษณะการไหลของน้ำ โลหะได้ดีแนวเชื่อมซึมลึกเชื่อมได้นิ่มและเรียบเหมาะกับงานที่ ้ต้องการแนวเชื่อมที่สวยพร้อมทั้งทนต่อการกัดกร่อนได้ดีเยี่ยม ER308LSi is designed for joining type 304 and 304L stainless steels and other common austenitic stainless steels referred to as "18-8" steels. It has the same analysis as ER308L but with higher silicon content. The higher silicon content improves arc stability,

T	Med	hanicalProperti	es	\M!_L4	Price
Труе	Size (mm)	Tensile Strength	Elongation	Weight	FIICE
	8.0	-	-	12.5 kg	385. -/กก.
MIG (Wire)	0.9	1350-1450 N/mm²	2%	12.5 kg	375. -/กก.
	1.2	1250-1350 N/mm²	3%	12.5 kg	370. -/กก.

bead appearance and wetting action. ER308LSi produces exceptionally smooth welds for applications that require a good cosmetic appearance and excellent corrosion resistance.

Shielding Gas

shielding gas.

•100% CO₂

●90% Helium / 7-1/2% Argon / 2-1/2% CO₂

	1.4		200 1000	N/IIIII	J.	/0	12.0 kg	37	υ.	/1111.			
				Certifica	te of Qua	ality For	Welding Elect	rode			-		
	Name of Cor	mmodity	: Welding	Wire				C	er No.:	TW23E013	0E		
Trade	e name		Di	iameter(mi	m)	Batch No.					Application	Standard	
MIG E	R308Lsi			0.8mm			2.30	DE+07		A	WS A5.9	ER308Lsi	(
	Chemic	al Co	ompos	ition	of D	еро	sited M	etal ((%)	Ø0.8, (Ø1.2	mm	
Test item	С		Si	Mn		S	Р	Ni		Cr	Мо	(Cu
Standard	≤0.03	0	.65~1.00	1.00~2	.50 :	≤0.02	≤0.025	9.00-11.	9.00-11.00 19.		≤0.75	≤().75
Actural Result 0.022			0.83	1.87	7	0.008	0.018	9.73	0	19.96	0.01	0	.02
		М	lechan	ical F	rope	ertie	s of De	posit	ed M	letal			
	Te	ensile T	est Of Dep	osited M	1etal			V	-Notch	Impact Te	st		
Test item	Tensile str Rm (Mi		Yield poir ReL (MPa		Elongation (%)		Impact Temp (°C)	Impact value Average (J)		X-Ray		Diffusion hydroge content (ml/100g	
Standard	≥510)	() - ()		≥25		-	1.	-	I		-	
Actural Result 600 -					45		(=)	9	1	I		=	
		CI	HEMIC	AL C	OMP	OSIT	TION (%) Ø0.	9 m	m			
ELEMENT	Tensile Strength (MPa)	Elongatio	on (%) ELEM	ENT	С	Si	Mn	P S		Ni	Cr	Мо	Cu
					71								

Advantage

REQUIREMENT

ACTUAL RESULT

- Excellent operator appeal-great weld puddle fluidity and bead shape.
- Superior corrosion and crack resistance.

<520

594

<35

45

REQUIREMENT

ACTUAL RESULT

0.86 Key Features

≤0.3

0.016

0.65~1.00 | 1.00~2.50 | ≤0.030

1.94

· High silicon level for increased puddle fluidity and toe wetting.

≤0.030

0.013

9.73

9.00~11.00 | 19.50~22.00 | ≤0.75 | ≤0.75

0.010 0.010

19.98

- · Proprietary surface lubricant for steady feeding and arc stability.
- ISO 9001 certified-manufactured to standards for Versatile electrode disigned to weld CrNi austenitic stainless steels.

environmental and quality management systems. • Controlled ferrite content for maximum corrosion resistance.

Application:

Welding **Positions** Globular and Spray Transfer:



Short Circuiting and Pulsed Arc:

0.017





การใช้งาน

เหมาะกับงานอุตสาหกรรมต่อเรือ ยานยนต์ เครื่องจักรในอตสาหกรรมอาหาร ยา และเครื่องใช้ไฟ ฟ้า

Application: Ship building, automobile, electric power food medicine machinery manufacturing.

ว**ิธีใช้ :** สำหรับเชื่อมสแตนเลส ข้อแนะนำ :

เลือกลวดเชื่อมให้เหมาะกับชิ้นงาน

PROTECT yourself and others. Read and understand this information. FUMES AND GASES can be hazardous to your health. ARC RAYS can injure eyes and burn skin. ELECTRIC SHOCK can KILL.



คำเตือน: สวมอปกรณ์ป้องกันทกครั้ง



AWS E308LT1-1 AWS A5.22 E308LT1-1 GB/T 17853 TS 308L-FC11 JIS Z3323 YF308LC EN ISO 17633-B TS308L-FB1





ลวดเชื่อม**ฟลักซ์คอร์สแตนเลส**

MIG **E308**L

MIG 308L สำหรับงานเชื่อมสแตนเลส มีคุณสมบัติในการป้องกันการกัดกร่อน ไม่มีรูอากาศ เหมาะสำหรับงานเชื่อม ที่ต้องการคุณภาพสูงและผ่านุการ X-Rey ได้ดี เช่น งานเชื่อมท่อน้ำมัน ้ถังน้ำมันงานอุตสาหกรรมการต่อเรือ

MIG 308L for stainless steel welding Has anti-corrosion properties, no air holes, suitable for welding work that Need high quality and pass X-Ray well, such as welding of oil pipes, oil tanks, shipbuilding industry.

Features

Key Features •Easy to control, able to •X-ray quality welds

welding at any position. and good penetration.

 Has anti-corrosion properties.

Excellent slag removal.

• Provides excellent weldability • 100% CO₂ and crack resistance.

งานเชื่อม

Shielding Gas

•75% Argon 25% CO2

Труе	Size (mm)	Weight	Price
MIG (Wire)	1.2	12.5 kg	520/กก.



Specification Classification			TS 308L-FC11 2 E308LT1-1		Commodity	MIG 308L Dime		ension	1.2 mm
		(%) CHE	MICAL COM	POSITION O	F DEPOSITE	D METAL Ø1	I.2 mm		
Elements	С	Mn	Si	S	Р	Cr	Ni	Мо	Cu
Requirement	≤0.04	0.5-2.5	≤1.0	≤0.03	≤0.04	18.0-21.0	9.0-11.0	≤0.5	≤0.5
Actual Result	0.026	1.110	0.6	0.005	0.013	19.960	9.66	0.02	0.01
Mechanical Property of Deposited Metal	Yield Strength Mpa	Tensile Strength Mpa	Elongation %	Reduction of Area %	Test Temperature °C	Ave.Energy J	BENDING TEST ACCORDING TO	RADIOGRAPHIC ACCORDING TO	FILET WEIDING TEST
Requirement	-	≥520	≥35	-	-	-	-	II	-
Actual Result	-	610	42	-	-	_		I	
SHIELDI	NG GAS	CURRENT (A)	VOLTAGE (V)	POLARITY	PREHEAT	INTERP	ASS (°C)	WS (M	M/MIN)
CC	02	130-260	26-32	DCEP	-	16~	150	300	-400
We hereby certify that this report is correct and that all test results are in compliance with the specification described herein.				Inspecti	on Stamp	Manage	er of QA	Rem	narks

Welding Positions

Globular and Spray Transfer:



