

FCAW

# MX-200

# FAMILIARC™

## Flux cored wire

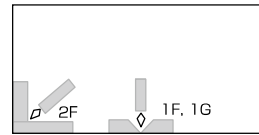
**Features:** ■ Excellent porosity resistibility to inorganic zinc primer

**Classification:** AWS A5.20 E70T-1C

**Shielding gas:** CO<sub>2</sub>

**Polarity:** DCEP

## Welding Positions:



## Packaging data

φ mm	Spool		Drum	
	Weight	Length	Weight	Length
1.2	15kg	20kg	250kg	-
1.4	15kg	20kg	250kg	-
1.6	-	20kg	-	350kg
<b>Volume mm</b>	300W, 110H, 300L		530 φ, 820H	600 φ, 770H

## Composition (all-weld metal mass%)

	Typical	Guaranty <sup>a</sup>
<b>C</b>	0.05	0.12
<b>Si</b>	0.50	0.90
<b>Mn</b>	1.50	1.75
<b>P</b>	0.01	0.03
<b>S</b>	0.01	0.03
<b>Ni</b>	0.01	0.50
<b>Cr</b>	0.03	0.20
<b>Mo</b>	0.01	0.30
<b>V</b>	0.01	0.08
<b>Cu</b>	0.02	0.35

Note: <sup>a</sup>Single values are maximum.

## Welding parameters (A)

φ mm	1F, 1G	2F
1.2	150~300	180~300
1.4	170~400	200~350
1.6	200~450	270~400

## All-weld mechanical properties

	Typical	Guaranty
<b>0.2%YS (MPa)</b>	530	400min.
<b>TS (MPa)</b>	590	490~655
<b>EI on 4d (%)</b>	29	22min.
<b>IV -18°C (J)</b>	55	27min.

## Approvals

<b>ABS</b>	2YSA, 2Y400SA, H5
<b>LR</b>	2YS, 2YM, H5
<b>DNV-GL</b>	II Y40MS, H5
<b>BV</b>	SA2Y40M, H5
<b>NK</b>	KSW52Y40G (C), H5
<b>CR</b>	2YSM, HH
<b>KR</b>	2YSG (C), H10
<b>CCS</b>	2YS, H5