



Excellent porosity resistibility to inorganic zinc primer

FAMILIARC™

MX-A200

for 75-80%Ar-Bal.CO₂

**AWS A5.20 E70T-1M
ABS,LR,DNV**

FAMILIARC™

MX-200

for 100%CO₂

**AWS A5.20 E70T-1C
ABS,LR,DNV,BV,GL**



Outstanding Features

- Resist pits or worm tracks when welding inorganic zinc primer coated steel plate especially.
- Fast travel speeds with uniform leg length and excellent bead appearance in horizontal and flat welding.
- Good arc stability with low spatter.
- Higher deposition rates than regular flux-cored wire
- Non-baked wire surface covered with special lubricant creates smooth wire feedability and extended liner life.

Typical chemistry of weld metal and diffusible hydrogen content

Wire	C	Si	Mn	P	S	Diffusible hydrogen content (ml/100g)
MX-A200	0.06	0.62	1.60	0.010	0.009	3.9
MX-200	0.06	0.50	1.35	0.013	0.009	2.9

Gas chromatography method (AWS A4.3)

Typical mechanical property of weld metal

Wire	0.2%P.S (psi)	T.S (psi)	Elongation (%)	Impact value (ft-lbs)
				0 °F
MX-A200	78,300	88,500	29	49
MX-200	76,600	83,800	29	41

Test method: AWS A5.20

Bead Appearance



MX-A200

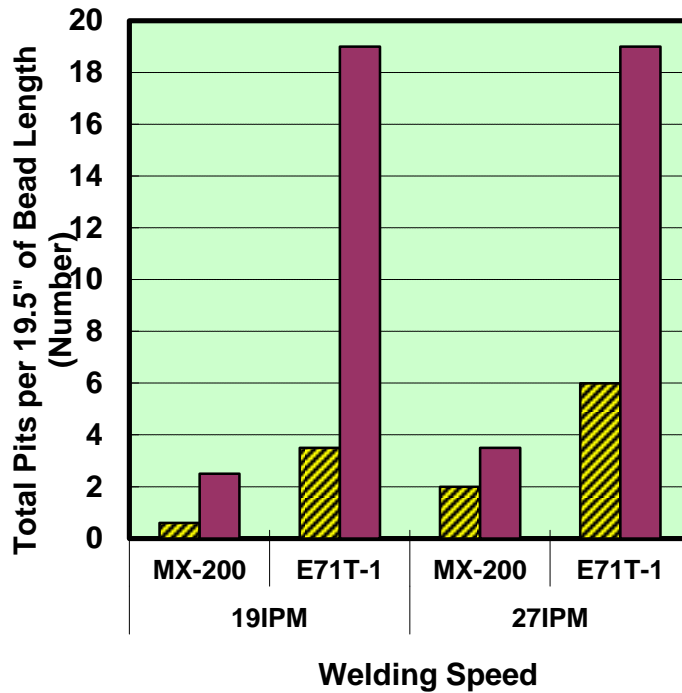
Horizontal fillet welding
0.052" 300A-15.7IPM
80%Ar-20%CO₂



MX-200

Horizontal fillet welding
0.045" 270A-19.5IPM
100%CO₂

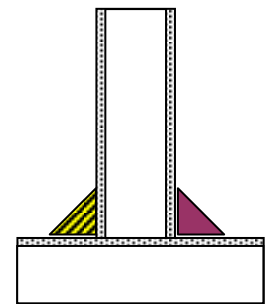
PIT COMPARISON



WELDING CONDITIONS

Welding Current: 290A
Arc Voltage: 31V
Shielding Gas: 100%CO₂ (40CFH)
Plate Coating: Inorganic Primer
Coating Thickness: 30 μm

■ 1st Bead



WARNING: This product can expose you to chemicals including Nickel and Titanium Dioxide, which are known to the State of California to cause cancer, and Chromium, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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