

Description and Application

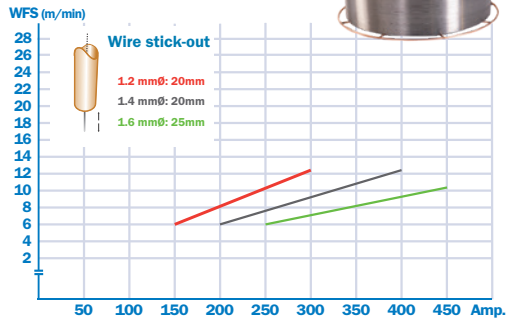
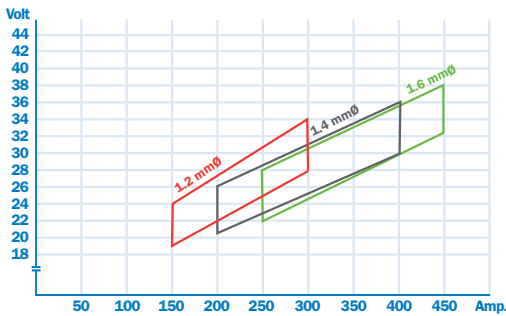
MX-A200 is a metal type flux cored wire. This wire is designed for welding on plate coated with inorganic zinc primer or rusty plate and it has a high resistance to porosity.

MX-A200 produces a clean and shiny weld bead which is totally free from any traces of silicate slag normally associated with metal cored or solid wires.

Due to the absence of silicate slag, painting or other surface treatments can be easily performed after welding.



Recommended Parameter Range, for flat position



Typical Chemical Analysis (wt. %)

| C | Si | Mn | P | S | Ni | Cr | Mo |
|------|------|------|-------|-------|----|----|----|
| 0.05 | 0.56 | 1.52 | 0.010 | 0.009 | - | - | - |

Typical Mechanical Properties

| | R _e (MPa) | R _m (MPa) | A ₅ (%) | CV(J)0°C | CV(J)-20°C |
|----------|----------------------|----------------------|--------------------|----------|------------|
| Guaranty | 520 | 590 | 29 | 93 | 67 |
| | min.420 | 500~640 | min.20 | min.47 | min.47 |

Example of Diffusible hydrogen content: 4.0 [ml/100g]

Welding Positions



Approvals

| LR | DNV GL | BV | ABS | R.M.R.S | Others |
|--------|------------|----|---------|---------|--------|
| 3YS H5 | III YMS H5 | - | 3YSA H5 | - | - |