

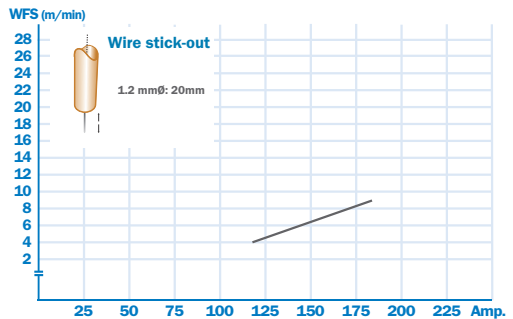
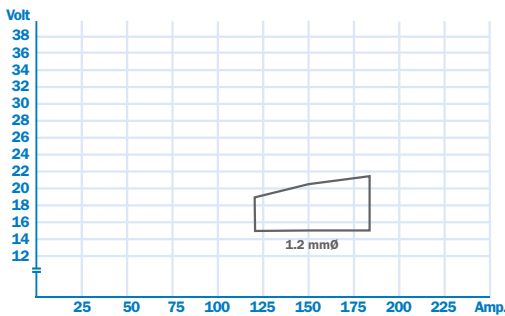
Description and Application

MX-A430M is a metal cored wire for welding 17Cr and 13Cr ferritic stainless steels used in automotive exhaust systems, catalytic converters and mufflers.

In comparison with standard 430 type solid wires, **MX-A430M** offers higher resistance to burn-through when welding thin plate such as 0.8~2.0mm, superior crack resistance when welding auto parts contaminated with oil from press-forming processes and excellent corrosion and oxidation resistance.



Recommended Parameter Range, for flat position



Typical Chemical Analysis (wt. %)

| C | Si | Mn | P | S | Ni | Cr | Mo | N | Nb | FS | FN | FNW |
|------|------|------|-------|-------|------|------|----|---|------|----|----|-----|
| 0.05 | 0.40 | 0.14 | 0.008 | 0.017 | 0.08 | 17.0 | - | - | 0.75 | - | - | - |

Typical Mechanical Properties

| R _e (MPa) | R _m (MPa) | A ₅ (%) | CV(J)0°C |
|----------------------|----------------------|--------------------|----------|
| 390 | 540 | 26 | - |

Welding Positions



Approvals

| LR | DNV | BV | ABS | R.M.R.S | Others |
|----|-----|----|-----|---------|--------|
| - | - | - | - | - | - |