

Hard-plate

Submerged Arc Flux Cored Welding Wire

| Submerged Arc Flux Cored Welding Wire | | | | | | | | | | | | | | |
|---------------------------------------|--------------------|--------------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------------------|---|--|
| Item | Wire diameter (mm) | Alloy Chemical Composition (%) | | | | | | | | | | Performance And Use | | |
| | | C | Cr | Si | Mn | B | Mo | Nb | W | V | Ni | | N | |
| HP220M | 2.4-4.0 | 4.0-5.0 | 19.5-20.5 | 0.7-1.2 | 0.7-1.2 | 0.4-0.7 | | | | | | | | Submerged arc surfacing welding wear-resistant plate welding wire, Suitable for medium impact wear condition |
| HP224M | 2.4-4.0 | 4.0-5.3 | 23-25 | 0.7-1.2 | 0.7-1.2 | 0.4-0.7 | | | | | | | | |
| HP228M | 2.4-4.0 | 4.2-5.5 | 27-29 | 0.5-1.2 | 0.7-1.2 | 0.4-0.7 | | | | | | | | |
| HP230M | 2.4-4.0 | 4.2-5.5 | 29.5-30.5 | 0.5-1.2 | 0.7-1.2 | 0.4-0.7 | | | | | | | | |
| HP300M | 2.4-4.0 | 4.2-5.5 | 24-27 | 0.5-1.2 | 0.7-1.2 | 0.3-0.7 | 0.5-1.5 | 0.5-1.5 | 0.5-1.5 | 0.5-1.5 | | | | Resistant to high temperature condition of 600 degrees wear-plate surfacing welding wire |
| HP308M | 2.4-4.0 | 4.2-5.5 | 21-25 | 0.5-1.2 | 0.7-1.2 | 0.3-0.7 | 2.5-3.5 | 2.5-3.5 | 0.8-1.5 | 0.8-1.5 | | | | Resistant to high temperature condition of 800 degrees wear-plate surfacing welding wire |
| HP310M | 2.4-4.0 | 4.2-5.5 | 21-25 | 0.5-1.2 | 0.7-1.5 | 0.3-0.7 | 5.0-7.0 | 5.0-7.0 | 1.5-2.0 | 0.8-1.2 | | | | Resistant to 1000 ° C high temperature condition wear-plate surfacing welding wire |
| HP552M | 2.4-4.0 | 0.4-0.6 | 7.0-9.5 | 0.3-0.5 | 0.7-1.2 | | 0.8-1.2 | | 0.3-0.5 | 1.0-1.5 | | | | Welding wire for crushing roller |
| HP5001M | 2.4-4.0 | 0.05-0.2 | 14-19 | 0.5-1.5 | 0.5-1.5 | | | | | | | | | Welding wire for crushing roller |
| HP414 | 2.4-4.0 | 0.04-0.05 | 12.5-14.0 | 0.8-1.2 | 0.8-1.2 | | 0.6-1.2 | | | | 3.5-5.0 | | | Continuous casting roller working layer welding wire |
| HP414N | 2.4-4.0 | 0.04-0.05 | 12.5-14.0 | 0.8-1.2 | 0.8-1.2 | | 0.6-1.2 | | | | 3.5-5.0 | 0.06-0.08 | | Continuous casting roller working layer welding wire |
| HP5224M | 2.4-4.0 | 0.4-0.6 | 6.0-10.0 | 0.3-0.8 | 1.6-2.2 | | 0.8-1.3 | | 1.4-3.0 | 1.0-1.3 | | | | Straightening roller, support roller surfacing welding working layer welding wire |
| HP5108M | 2.4-4.0 | 0.1-0.2 | 0.8-1.0 | 0.2-0.4 | 0.5-1.0 | | 0.3-0.6 | | | | 0.7-1.0 | | | Straightening roller, support roller surfacing welding base welding wire |
| HP5560M | 2.4-4.0 | 0.5-0.8 | 6.5-7.5 | 0.8-1.1 | 2.2-2.6 | | 1.8-2.2 | 2.5-2.8 | 2.0-2.5 | 0.5-0.7 | | | | Straightening roller, support roller surfacing welding working layer welding wire |

Excellent welding performance, good welding appearance

With the precipitation strengthening effect of Cr W and low carbon, the deposited metal shows excellent tempering and wear resistance, and maintain strength and hardness at high temperature because of dispersed carbides.

Overlay Flux Cored Welding Wire with high chromium, high boron alloy tubular open arc wire. Suitable for abrasive wear under low stress and low impact conditions.

Flux Cored Welding Wire offers a wide range of flux cored and metal cored welding wires for rebuilding, hard facing, cladding, Joining

Welding Wire are for low, medium and high alloy hard facing, for mild and stainless steel fabrications, the diameters range from 1.6 mm to 3.2 mm. In addition to cored wires, our range of consumables includes welding electrodes.