

Hard-plate

Self-Shielded Flux Cored Welding Wire

Self-Shielded Flux Cored Welding Wire												
Item	Wire diameter	Alloy Chemical Composition (%)										Performance And Use
		C	Cr	Si	Mn	B	Mo	Nb	W	V	Ni	
HP124	2.4-3.2	4.0-5.3	23-25	0.7-1.5	0.5-1.5	0.8-1.5						Wear-plate surfacing single-layer welding wire is suitable for low stress abrasive wear conditions
HP128	2.4-3.2	4.2-5.5	27-29	0.5-1.5	0.5-1.5	0.8-1.5						
HP130	2.4-3.2	4.2-5.5	29.5-30.5	0.5-1.5	0.5-1.5	0.8-1.5						
HP220	2.4-3.2	4.0-5.0	19.5-20.5	0.7-1.5	0.7-1.5	0.4-0.7						Wear-resistant plate surfacing welding double layer and above. The welding wire is suitable for medium impact wear condition
HP224	2.4-3.2	4.0-5.3	23-25	0.7-1.5	0.7-1.5	0.4-0.7						
HP228	2.4-3.2	4.2-5.5	27-29	0.5-1.5	0.7-1.5	0.4-0.7						
HP230	2.4-3.2	4.2-5.5	29.5-30.5	0.5-1.5	0.7-1.5	0.4-0.7						
HP236	2.4-3.2	4.2-5.5	35.0-37.0	0.5-1.5	0.7-1.5	0.4-0.7						
HP300	2.4-3.2	4.2-5.5	24-27	0.5-1.5	0.7-1.5	0.3-0.7	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5		
HP308	2.4-3.2	4.2-5.5	21-25	0.5-1.5	0.7-1.5	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
HP310	2.4-3.2	4.2-5.5	21-25	0.5-1.5	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
HP4196	2.4-3.2	0.1-0.4	18-20	0.4-1.2	5.0-7.0						8.0-10.0	Sufacing Grinding Roller and Grinding Table
HP4202	2.4-3.2	0.1-0.4	4.0-14.0	0.4-1.2	12.0-16.0		0.6-1.2					Sufacing Grinding Roller and Grinding Table
HP4226	2.4-3.2	4.2-6.0	25-29	0.7-2.0	0.7-2.0	0.3-0.5					0.3-0.6	Cement production wear, Coal hopper, Mineral mechanical wear
HP4230	2.4-3.2	4.2-6.0	29-31	0.5-2.0	0.5-2.0	0.3-0.5					0.3-0.6	
HP4100	2.4-3.2	4.2-6.0	25-29	0.5-2.0	0.5-2.0	0.3-0.5	0.8-1.5				0.3-0.6	Mineral mechanical wear wire
HP4143	2.4-3.2	4.2-6.0	25-29	0.5-2.0	0.5-2.0	0.3-0.5			6.0-8.0		0.3-0.6	
HP4145	2.4-3.2	4.2-5.5	21-25	0.5-1.5	0.7-1.5	0.3-0.7	5.0-7.0	5.0-7.0	1.5-2.0	0.8-1.2	0.3-0.6	Blue carbon condition roller special welding wire
HP5100	2.4-3.2	4.2-6.0	25-29	0.5-2.0	0.5-2.0	0.3-0.5	0.8-1.5				0.3-0.6	Crushing roll surfacing welding wire
HP6300	2.4-3.2	4.2-5.5	24-27	0.5-1.5	0.7-1.5	0.3-0.7	0.5-1.5	0.5-1.5	0.5-1.5	0.5-1.5	0.2-0.4	Single roller crusher teeth, Grizzly bar, Distributor chute , etc. High temperature and wear resistant parts production and repair of surfacing welding wire
HP6308	2.4-3.2	4.2-5.5	21-25	0.5-1.5	0.7-1.5	0.3-0.7	2.5-3.5	2.5-3.5	0.8-1.5	0.8-1.5	0.2-0.4	
HP6310	2.4-3.2	4.2-5.5	21-25	0.5-1.5	0.7-1.5	0.3-0.7	5.0-7.0	5.0-7.0	1.5-2.0	0.8-1.2	0.2-0.4	

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.