

Standard or premium?

MISON® shielding gases is one of Lindes premium products – what do we mean by premium products?

In general, our premium products are for customers who want to invest something extra in, for example, better working environment, higher productivity, better welding quality or more rational gas handling.

Compared to standard products, the premium products provide features that improve the process. An example is MISON® shielding gases that reduce the work environment load on the welder. Corresponding standard products lack this work environment benefit.

Premium products cost slightly more than standard, but will provide benefits, for example in the form of productivity gains or an improved work environment.

All shielding gases from Linde meet the requirements of the international shielding gas standard EN ISO 14175.

Linde Gas
www.linde-gas.xx



40 years of protecting the welder
Linde is celebrating 40 years with MISON® shielding gases – still the only gases on the market developed to protect the welder against harmful ozone.

Making our world more productive



Linde gas guide

Choose the correct welding gas for your process



Select the right gas for your process

● Recommended ▲ Alternative ■ Can give further benefits

Material		MISON® AR	MISON® HE30	MISON® H2	MISON® N2	MISON® 2	MISON® ZHE	MISON® 8	MISON® 18	MISON® 25	ARGON	ARGON 4.8 Premium	VARIGON® H5	VARIGON® HE50	VARIGON® HE70	CORGON® 18	CORGON® 25	FORMIER® 10	NITROGEN	CARBONDIOXIDE
TIG	Unalloyed/low alloyed steels	●	■								▲			■						
	Stainless steels, austenitic	●	■	■							▲		■	■						
	Stainless steels, duplex	●	■		■						▲									
	Aluminium and its alloys	●	■								▲			■	■					
	Copper and its alloys	●	■								▲			■	■					
	Titanium										▲	●		■						
MIG/MAG*	Unalloyed/low alloyed steels							■	●	▲						▲	▲			▲
	Stainless steels, austenitic					●	■													
	Stainless steels, duplex						●													
	Aluminium and its alloys	●	■								▲			■	■					
MIG brazing	Copper and its alloys	●	■							▲			■	■						
	Unalloyed/low alloyed steels	●								▲										
	Elektro galvanized steels	●								▲										
PLASMA	Hot-dip galvanized steels	▲				●				▲										
	Unalloyed/low alloyed steels									●	■									
	Stainless steels, austenitic									▲		●								
	Stainless steels, duplex									●										
	Aluminium and its alloys									●										
	Copper and its alloys									●										
PURGING	Titanium									▲	●									
	Unalloyed/low alloyed steels									▲									●	▲
	Stainless steels, austenitic									▲			▲						●	▲
	Stainless steels, duplex									▲									▲	●
	Aluminium and its alloys									●										▲
	Copper and its alloys									●										▲
Titanium									▲	●										

*MIG/MAG: refers to welding with a solid wire and metal cored tubular wire. For MAG welding with flux-cored tubular wires, MISON 18 or 25 is usually a good choice. But follow the filler material manufacturer's recommendations. More information about different shielding gases can be found at www.linde-gas.xx