

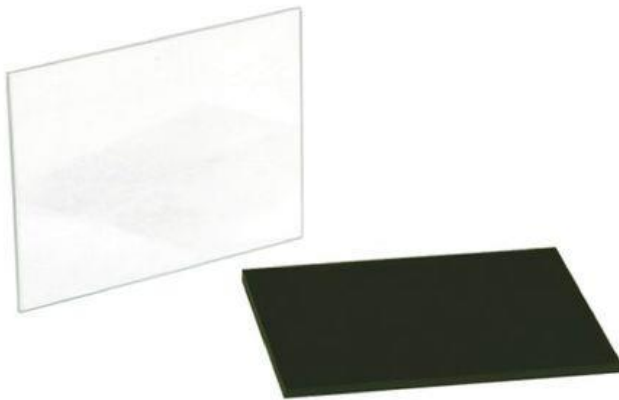


ENGLISH

Datasheet

Glass Filter For Use With Welding Face Shield

RS Stock number 790-2824



7. SHADE NUMBERS OF FILTERS RECOMMENDED FOR USE DURING ARC WELDING

Welding process or related techniques	Scale numbers (1) and recommended use for arc welding																
	Current in amperes																
	0.5	2.5	10	20	40	80	125	175	225	275	350	450					
	1	5	15	30	60	100	150	200	250	300	400	500					
Covered electrodes	Hatched			9	10	11	12			13		14					
MIG on heavy 2) metals	Hatched				9	10	11	12			13		14				
MIG on light alloys	Hatched				9	10	11	12	13	14	15						
TIG on all metals & alloys	Hatched		9	10	11	12	13	14	Hatched								
MAG	Hatched				10	11	12	13			14		16				
Air-arc cutting	Hatched				10	11	12	13	14	15							
Plasma arc welding	Hatched				11	12			13		Hatched						
Micro-plasma arc welding	4	5	6	7	8	9	10	11	12	13		14		15			
	2.5	0.5	2.5	10	20	40	80	125	175	225	275	350	450				
	3	1	5	15	30	60	100	150	200	250	300	400	500				

NOTE 1. According to the conditions of use, the next greater or the next smaller shade number can be used.

NOTE 2. The term 'heavy metals' applies to steels, alloy steels, copper and its alloys, etc.

NOTE 3. The hatched areas correspond to the ranges where the welding operations are not usually used in the current practice of manual welding.

Note 4. The following abbreviations are used according to ISO 4063:

(a) MIG refers to metal-arc welding with an inert gas shield;

(b) MAG refers to metal-arc welding with non-inert gas shield;

(c) TIG refers to tungsten inert gas.

(d) air-arc cutting corresponds to the use of a carbon electrode and a jet of compressed air to remove the molten metal.

Notified Body N° 0337