



OUTERSHIELD® MC710RF-H

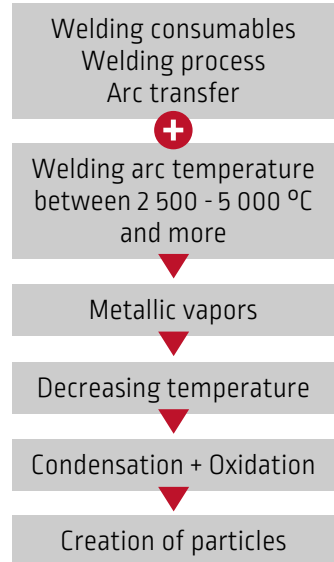
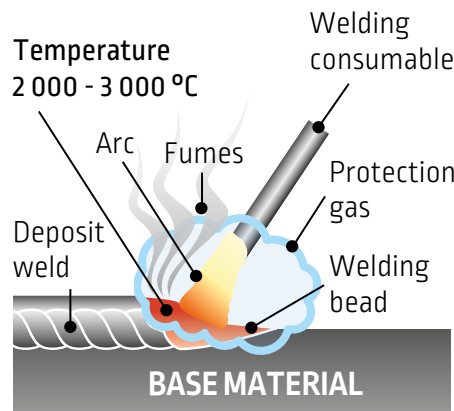
TO HELP REDUCE YOUR WELDERS' EXPOSURE TO FUME

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LINCOLN[®]
ELECTRIC
THE WELDING EXPERTS[®]

WHERE ARE THE FUMES COMING FROM?

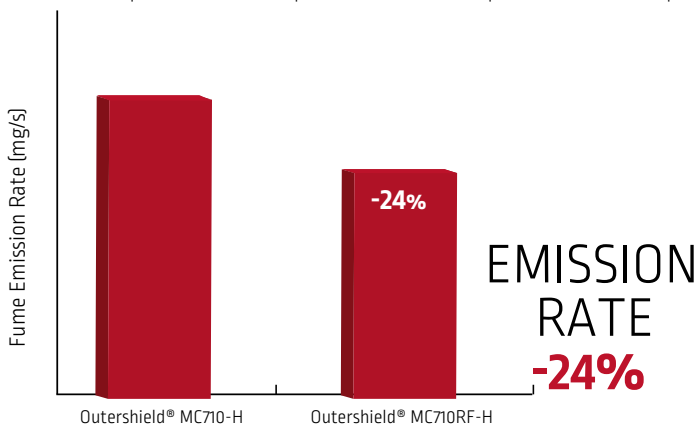
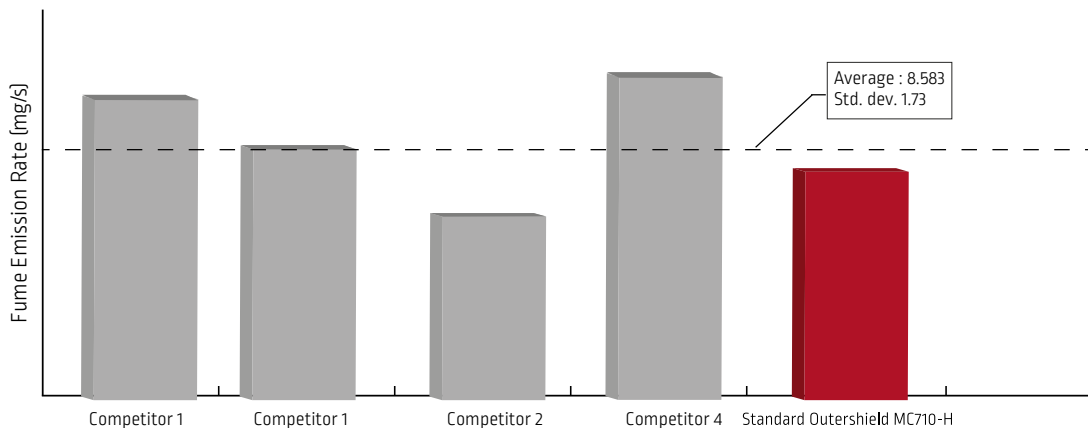
Welding fumes are essentially coming from the consumables as well as the type of mode transfer and the welding process.



WHY ARE WELDING FUMES BECOMING A MAJOR ISSUE AT WELDING WORKSHOPS?

Manufacturers have a number of options in choosing optimal welding consumable to weld with optimum productivity and lower emission of hazardous substances. Continuing trend towards the reduction of welder exposures to welding fumes is observed. Welding fumes containing hazardous dust particles are controlled and suppliers of welding consumables have to supply information on Fume Emission Rate (FER) and/or chemical composition.”

FUME EMISSION LEVEL (MG/S)



**PERFORMANCE
SIMILAR IN PA/PB/1F/1G &
BETTER IN POSITIONAL WELDING**

OUTERSHIELD® MC710RF-H

TO HELP REDUCE YOUR WELDERS' EXPOSURE TO FUME

WELDABILITY

- Excellent arc characteristics give outstanding operator appeal
- Very few silicates, virtually no spatter, fast travel speed, excellent wire feeding
- Superior on scaled plate, good resistance to porosity

PRODUCTIVITY

- Very good mechanical properties (CVN >47) at -30°C

LOWER FUME EMISSION RATE

- 24% reduction in Fume Emission Rate (FER) comparing to Outershield® MC710-H
- FER : between 6 and 8 mg/s at most popular industrial welding parameters



 GET MORE DETAILS

ONE OF THE LOWEST FUME GENERATING METAL CORED WIRES IN ITS CLASS

SPECIFICATIONS

CLASSIFICATIONS		APPROVALS	CHEMISTRY					MECHANICAL PROPERTIES				
AWS A5.18	EN ISO 17632-A		C	Mn	Si	S	P	RP0.2	RM	ELONGATION [%]	IMPACT ISO-V (J)	
											-20°C	-60°C
E70C-6M H4	T 46 3 M M 2 H5	BV, ABS, DNV, GL, LR	0.05	1.35	0.6	0.015	0.02	485	570	26	90	60

ORDERING INFORMATION

ITEM NUMBER	Ø (MM)	WEIGHT & CONDITIONING
901307	1.2	5KG S200 SPOOL - AL BAG
901300	1.2	16KG B300 SPOOL
901328	1.4	16KG B300 SPOOL
901314	1.6	16KG B300 SPOOL

BEING PRESENT LOCALLY MAKES US MORE AWARE GLOBALLY



2.6 BILLION USD REVENUE **160** ACTIVE IN 160 COUNTRIES WORLDWIDE **11 000** EMPLOYEES WORLDWIDE **120** YEARS OF EXPERIENCE

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company® is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

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