



OLMAX GmbH, Fra. F. Grabovca St. 22/V, 10000 ZAGREB/Croatia

Tel: +385 1 4663 449

Fax: +385 1 4650 787

Mail: olmax@zg.hinet.hr

web: http://www.geocities.com/olmax_hr/OLMAX.html

High Frequency Welded Pipes

Specification: API, ASTM, DIN, BS, UNI ISO, EN

Sizes:

Outside Diameter		Wall Thickness (mm)	
Mm	inch	min	max
159,0	6 1/4"	2,9	8,0
168,3	6 5/8"	3,2	8,8
219,1	8 5/8"	3,2	11,0
244,5	9 5/8"	3,2	11,0
273,0	10 3/4"	3,2	12,5
298,5	11 3/4"	3,2	12,5
323,9	12 3/4"	3,6	14,2
355,6	14"	3,6	14,2
368,0		4,0	14,2
377,0		4,0	14,2
406,4	16"	4,5	16,0
426,0		4,5	16,0
457,0	18"	5,0	16,0
480,0		5,0	16,0
508,0	20"	5,6	16,0
530,0		5,6	16,0
559,0	22"	6,0	16,0
610,0	24"	6,0	16,0

Available grades up to X70

Anti-Corrosion coatings

Kind of Coatings	Application	Coating Characteristics	Tehnical Characteristics
External Polyethylene Coating	Electrostatical with powder adhesive PE hose extrusion process	Good adhesion to steel surface high mehanical and dielectric properties Full physical and chemical stability to temperature ranging from -30° C to 70° C 1,8 to 3,7 mm coat thickness depending on diameter	DIN 30670 EN 10287
External Epoxy Coating	Electrostatic with epoxy powder	Good adhesion to steel surface High mechanical and dielectric properties Full physicaland chemical stability to temperature ranging from -40° C to 110° C 300 µm to 400 µm coat thickness	AWWA C 213 DIN 30 671
External 3-layer Coating	Electrostatic with epoxy powder adhesive PE hose extrusion process	Good adhesion to steel surface High mechanical and dielectric properties Full physicaland chemical stability to temperature ranging from -30° C to 80° C 1,8 to 3,7 mm coat thickness depending on diameter	EN 10287
Internal Epoxy Coating	Airless spraying	Good adhesion to steel surface High mechanical and dielectric properties Full physicaland chemical stability to temperature ranging from -20° C to 90° C 300 µm to 300 µm coat thickness	AWWA C 210 API RP 5L2
Internal Concrete Coating	Centrifugal application	High mechanical and abrasive resistance Full physical and chemical stability to temperature up to 100° C 3 to 11 mm coat thickness depending on diameter	DIN 2614 ANSI/AWWA C205

Certificates:



ORIGINAL

LICENSE NO. 5L-0177

American Petroleum Institute

Certificate of Authority to Use Official Monogram


THE AMERICAN PETROLEUM INSTITUTE hereby grants to

FABRIKA ZA ZAVARENI CEVKI I PROFILI

Kumanovo, Macedonia

the right to use the Official Monogram  on manufactured products under the conditions specified in the official publications of the American Petroleum Institute entitled API Spec Q1 and Specification 5L

and in accordance with the provisions of the License Agreement.

In all cases where the Official Monogram  is applied, the Monogram should be used in conjunction with this certificate number 5L-0177.

The American Petroleum Institute reserves the right to revoke this authorization to use the Official Monogram, for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

Effective Date APRIL 22, 19 99
Expiration Date APRIL 22, 20 02



AMERICAN PETROLEUM INSTITUTE,

A. William Frick

Secretary

00 585 1 985 467

D. VRAKOVIC



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

**Factory for Welded Pipes, Hollow Section and
Anticorrosion Protection
"11 Oktomvri - AD" - Kumanovo
Kumanovo
Republic of Macedonia**

*has been approved by Lloyd's Register Quality Assurance
to the following Quality Management System Standards:*

**ISO 9001:1994 EN ISO 9001:1994 BS EN ISO 9001:1994
DIN EN ISO 9001:1994**

The Quality Management System is applicable to:

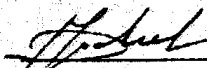
***Design, development, production of welded pipes,
hollow section and anticorrosion protection.***

Approval
Certificate No: 203903

Original Approval: 21st October 1997

Current Certificate: 27th October 2000

Certificate Expiry: 31st October 2003



on behalf of LRQA
issuing: Bucharest



001

This approval is carried out in accordance with the LRQA assessment and certification procedures and monitored by LRQA.
The use of the UKAS Accreditation Mark indicates Accreditation in respect of those activities covered by the Accreditation Certificate Number 001.