



# FITTINGS FACTORY RADOM JOINT STOCK

26-600 RADOM 3 STALOWA STREET

## CERTIFICATE 2.2 according to PN – EN 10204

Producing by Fittings Factory Radom S.A. – fittings with a brand Pk and made from white malleable cast iron type EN-GJMW-400-5 with the construction symbol A are intended for sending nonaggressive liquides and gases with defining flow factor conforming to requirements PN-EN 10242-“Threaded pipe fittings made from malleable cast iron” and are according with order.

**Material: white malleable cast iron** EN – GJMW – 400 – 5, according to PN – EN 1562

### Mechanical characteristics:

Date	Sort of cast iron	Specimen's diameter d 12	Tensile strength $R_m$ min. 400 N/mm <sup>2</sup>	Extension $A_{3,4}$ min. 5 %	Durability max 220 HB
12.05.2007	EN-GJMW-400-5	12	4811	6,3	187

### Chemical constitution characteristics of cast iron :

Date	C	Si	Mn	S	P	Cr
	2,70 – 3,15 %	0,45 – 0,85 %	0,40 – 0,70 %	max 0,25 %	max 0,15	max 0,06
1205.2007	3,12	0,55	0,48	0,18	0,04	0,06

**Threads performance:** according to ISO 7-1, threads control according to ISO 7/2

**Permissible working pressure:** 25 bar with temp. since -20°C till 120°C, 20 bar in temp. over 120°C till 300°C.

**Airtightness control** according to PN – EN 10242:1999 pt 11.4.

Fittings are under 100% control for airtightness with 5 bar pneumatic pressure, equivalented to 20 bar hydrostatic pressure.

### Zink coating:

Zink coat thickness equals roughly 70µm

Inspection chemical constitution of zink coat according to PN – EN 10242:1999 pt 5.2.1

Radom,  
date 06.06.2007

.....Ewa Gadecka .....

Signature  
Manager of Central Laboratory