



S.C. AMCO OTOPENI[®] S.A.

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PT+RH ALLOYS CATALYST WOVEN GAUZES

AMCO OTOPENI S.A.has over 40 years tradition in manufacturing the platinum-rhodium alloys catalyst woven gauzes for the chemical industry, especially for the ammonia oxidation installations from the nitrofertiliser plants.

The materials used for the manufacture of the catalyst gauzes are conformed with all the requests and standards of quality and purity. We apply modern methods for composition and impurities control. All the compounds and substances with potential adverse influence on the catalytic activity are eliminated beginning from the manufacturing process.

The precious metals (platinum and rhodium) can be ensured by the customer (either from the spent catalyst gauzes, dust and platinic waste which are recycled, or from fine metals) or by AMCO OTOPENI S.A. by aquisition on the market.

On request we can produce gauzes from different precious metals alloys.

TECHNICAL DATA:

- Pt+Rh alloy : 90/10; 92/8; 93/7; 95/5
- Mesh : 1024 mesh
- Wire diameter : 60, 76, 91 μm ;
- Gauze diameter : 3504, 2885, 2790, 2200, 2150, 1780, 1146, 960, 400 mm
- edge wide : 22 mm for gauze diameter between 3401 - 3800 mm
: 15 mm for gauze diameter between 2501 - 3400 mm
: 10 mm for gauze diameter between 1501 - 2500 mm
: 5 mm for gauze diameter less 1500 mm
- Specific weight : $\gamma = 400 \text{ g/m}^2$ for wire diameter: 60 μm and alloy: Pt+Rh 95/5 ;
: $\gamma = 600 \text{ g/m}^2$ for wire diameter: 91 μm and alloy: Pt+Rh 90/10

ORDERING :

The order will specify:

- product name ;
- Rhodium content in platinum alloy (%) ;
- wire diameter (mm) ;
- gauze diameter (mm) ;
- Specific weight (g/m^2)