

We are Nano Pars
We Invent the Method

Nano Pars is specialized in manufacturing Nano-particles and Nano catalysts specifically for Refining, Petroleum, Food and Pharmaceutical Industries. The company is launched as a research project in 2007 with the aim of exploring the possibilities of domestic production of petrochemical catalysts, joining scholars from different fields. After 5 years the research group succeeded in patenting an alternative method of producing Nano particles. since then, Nano Pars expanded its operations both as a producer of catalysts and provider of technical and productivity based solutions. The company is a sole manufacturer of significant number of catalysts including Hydrogenation, Dehydrogenation, Oxychlorination, Isomeration, Reduction, Guards and Gauze for Iranian market.

Overview of Our Products	
Catalysts	
HydroPars TM	
DehydroPars TM	
OxyPars TM	
GuardPars TM	
GauzePars TM	More information in this catalogue
RedPars TM	
IsoPars TM	
Supports	
SupPars TM	

NANO
PARS SPADANA

GauzePars TM

Optimal Performance Gauze Catalysts



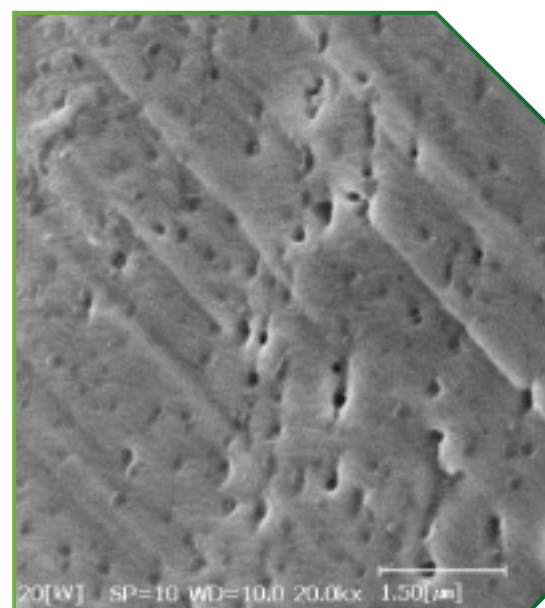
NANO
PARS SPADANA

Gauze Pars™

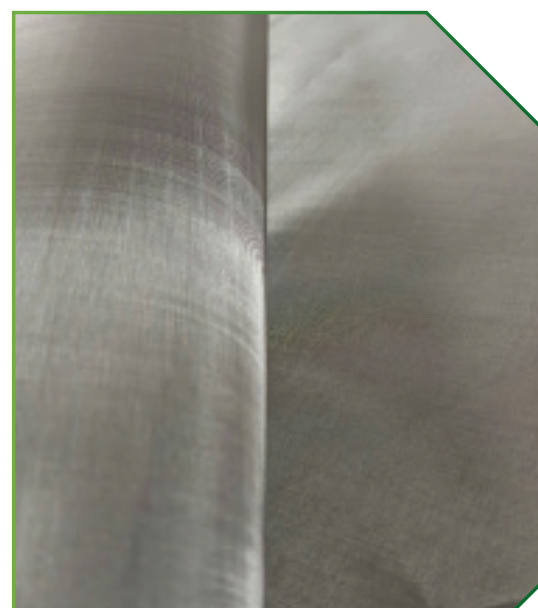
Designed for Low pressure and High pressure plants

Nano Pars technology

- Introduces uniform Pores to the surface of the catalyst to increase its surface area and enhances its efficiency.



- Optimum Ammonia conversion efficiency
- Low metal losses



- Homogeneous alloys
- Increased surface area
- Increased mechanical strength



Our portfolio

Specification				
Type	G4A	G3A	G2A	G1A
Form	Gauze	Gauze	Gauze	Gauze
Diameter gauze (cm)	3710	1800	700	110
Weight of One Layer Gauze(gr)	3500-3600	900-1100	140-170	320-370
Width of the fence (mm)	25	25	25	25
Type of texture	Knitted	Knitted	Knitted	Knitted
Wire diameter (μ)	80-110	80-110	80-110	100
Pd (%wt)	-	-	-	5±1
Pt (%wt)	90±1	90±1	90±1	90±1
Rh(%wt)	10±1	10±1	10±1	5±1

✓ We are able to provide your specific alloy and wire diameter requirements

References:

“I announce my satisfaction with quality, performance and enhanced efficiency of GauzePars™ “

Head of the Research and Development
unit of Karoon Petrochemical Company

