

SAI ChemPartners India Pvt Ltd presents

The latest technology for alcoholic beverage industry Golden Filtration





USE OF GOLDEN FILTRATION

The “Golden filtration” technology is used for additional treatment of vodka for refining the composition and organoleptic properties of the beverage.

WHY GOLDEN...?

- Gives crystal brilliance to a drink
- This precious metal normalizes blood pressure, promotes metabolic processes and improves blood circulation



A large red circle is partially visible on the left side of the slide, with a thin yellow arc overlapping its edge.

Features and advantages

In the “Golden filtration” process, vodka is passed through a filter incorporating finest golden filaments, whereby the drink becomes enriched with gold ions, acquires a balanced delicate harmonic taste as well as a special shine and radiance.

SPECIFICATIONS OF STANDARD UNITS

The EPV.PSHAu (Golden Silk) filter element (TU 6-55-221-1571-2003) is a cartridge filter element made of intertwined golden silk filament and textured polypropylene filament that are wound around the core in variably tight convolutions.

Grade	EPVPSH (Golden Silk)
Retention rating, μm	5 to 10
Dimensions, mm	
• length	250 (500, 750, 1000 – made by thermal welding)
• outer diameter	70
• inner diameter	36
Types of adapters	A(A ₁) – dead end / 44.5 mm adapter Д(Д ₁) – dead end / 56 mm bayonet adapter B - in-line / no adapter
Materials of construction	
• Filter medium	Golden silk filament + polypropylene filament
• Carrier substrates	Polypropylene
• O-rings	Silicone (standard)
• Outer shell	Polypropylene
• Inner core	Polypropylene
• End discs	Polypropylene
Maximum differential pressure, MPa	0.5 at 20°C
Maximum operating temperature, °C	80 (90 for a short period)
Reconditioning	Sanitization with hot water (up to 70°C) or hydrogen peroxide