

MultiLayer Sintered Wire Mesh-Heanjia Super-Metals Co., Ltd

Multilayer Sintered Wire Mesh is a filtering wire cloth produced by pressing the multi-layer woven mesh which is then diffusion bonded through annealing at high pressure in the vacuum furnace. It offers significantly greater filtration performance than traditional woven wire mesh. High strength, hardness and suitable position of opening.

MultiLayer Sintered Wire Mesh Characteristics

1. Outstanding strength
2. No need of internal support for producing filter cake
3. Frequent clean-ability
4. Prolong performance
5. Anti-corrosive
6. Filtering Fineness 2- 60 microns
7. Service temperature – mild to very high limits

Advantages

- Diffusion bonded wire multiple layer assemblies offer improved mechanical characteristics for filters and severe application conditions.
- More stable than common wire mesh, hence it is fit for mesh with large percentage of opening or that needs secured porosity.
- Strong filter media offers outstanding filtration characteristics, it is an excellent material for use in applications that need limited permeability.
- Diffusion bonding locks and protects the wires in a mesh, prevents wire displacement and offers good stability. It can be utilized for small components and special shapes without causing deformation or loose wires.

