

PUSH-IN SIEVES AND HAT SIEVES

Perfect protection for sensitive system components!

Push-in sieves

New pipe installations entail the risk of contamination in the pipe system. This can be caused by welding residues, stones or similar foreign bodies. To protect sensitive system components, push-in sieves (also called start-up sieves) are installed at the intake end of the unit during the first days or weeks.

The sieve serves to collect impurities so as to prevent damage to high-quality system parts.

Flat design sieves are generally used here. The flat structure can make assembly/ disassembly problematic. Depending on the pressure, temperature or medium, the sieve material can be made from various material qualities, mesh sizes and wire thicknesses.

A wide variety of carrier materials are available. Conventional carriers are soft materials such as elastomers, fibrous materials and graphite, as well as metals, e.g. in a grooved gasket as carrier. Carrier materials comply with a large number of standards and regulations.

The dimensions can be selected freely or according to standard. However, for stability reasons it is advisable to choose a sieve diameter of maximum 250 mm.



Photo: Push-in sieve – carrier material Egraflex Steelflon with patented refinement process Waveline WLP® for flange with indication of dimensions, material, torque and manufacturer on both sides of the external edge

Note that push-in sieves always cause a reduced flow cross-section.

In case of contamination, which causes an internal pressure loss of >10%, the sieves should be replaced. Our push-in sieves for standard flanges (DIN and ANSI) are smooth covered with stainless steel wire mesh in different mesh sizes. We cover all sizes starting from DN25 / 1". We also manufacture larger nominal diameters on request. Optionally with or without "flag".

Hat sieves

Hat sieves differ from push-in sieves in that they have a larger sieve area. This is calculated and the structure of the sieve designed correspondingly. Hat sieves are also more resilient against penetration by foreign bodies thanks to an additional collecting basket. Our extensive standard programme is extended by custom-made models – tailored to your application. Individual dimensions, customised filter fineness and special gasket forms or flanges are no problem for us. New designs of "old favourites" are also part of our portfolio. Installing or removing a hat sieve requires skill and experience owing to the complex geometry!

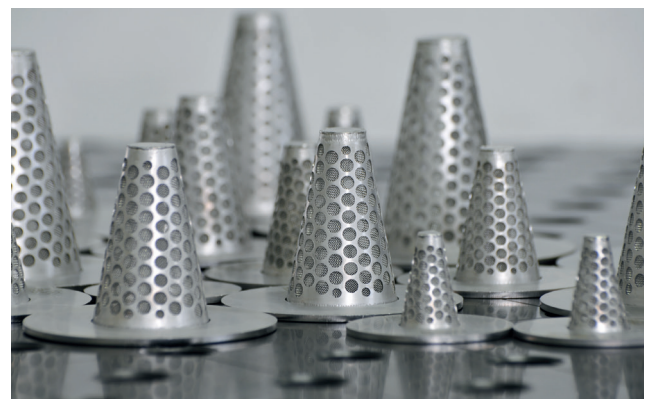
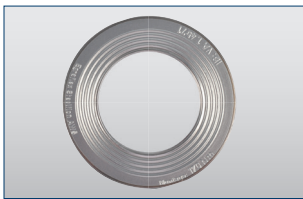


Photo: Hat sieved in various dimensions

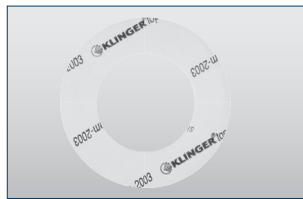


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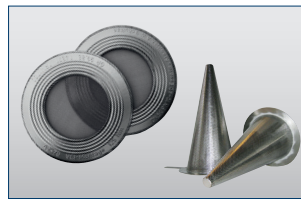
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Gaskets with marking



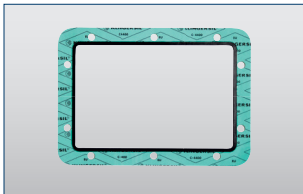
KLINGER® top-chem series



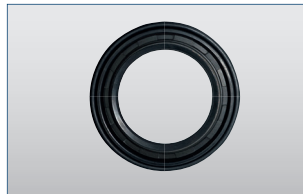
Sieve gaskets / hat sieves



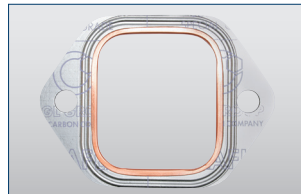
Beaded gaskets



Two/Multi-component gaskets



Dynamic gaskets



Exhaust gaskets



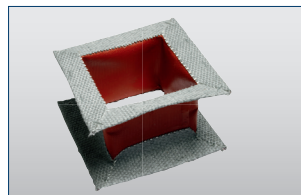
Rubber-steel gaskets



Mica gaskets with enclosure



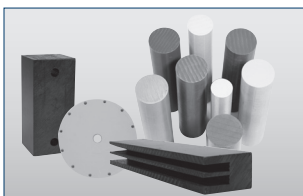
Grooved gaskets



Fabric compensators



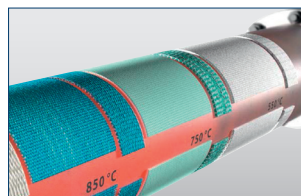
Metal compensators



Plastics



Packing/cords/bands



Technical textiles



Technical auxiliaries