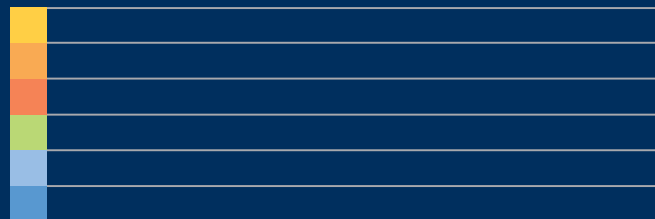


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## **Intermediate Packings**

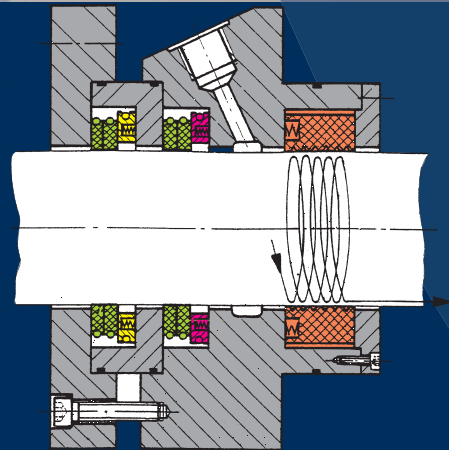
Used with Complicated Gasses  
Specific Purge Gas Clearance  
Permanent Innovation





## INTERMEDIATE PACKINGS

Intermediate packings are used where toxic, easily combustible or poisonous gasses are to be compressed. They prevent the formation of dangerous gaseous mixtures and therefore indirectly protect human health.



Intermediate sealings are specifically designed to prevent contact between product agents and atmosphere or engine by the arrangement of the purge gas flow.

Generally, nitrogen gas is used as a purge agent.

Due to design specifications the nitrogen flow is conducted to the distance piece of the compressor. From there, it flows to the leakage gas pipe. Purge gas pressure is always slightly higher than ambient pressure.

The design of an intermediate packing is similar to the design of a piston rod sealing. Penetration of engine oil into the distance piece is prevented by the use of suitable sealing elements.

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