

TENUTE ITF series

Automatic packings TENUTE ITF are used to grant cylinders dynamic sealing, in both vertical and horizontal machines. Their sturdiness ensures an excellent sealing performances even under hard conditions, with pressure exceeding 350 bar. Furthermore, being made by separate elements, they can be easily assembled also in housing grooves.

The gland ring is made of rubberized cotton fabric with reinforced texture, which is particularly tough and extrusion-resistant.

One or more intermediate "V" rings are put in the centre of the packing according to the housing height. They are made of a more resilient rubberized cotton fabric, enabling the seal to follow the machine movements.

The header ring is the actual core of the packing. It's also called "floating ring" because it doesn't require a starting compression like the traditional TENUTE IN header rings.

In fact, TENUTE ITF header ring works even with no pressure at all, thanks to the allowances determined in their project phase. It is made of a compound that has got high abrasion-resistance and compression set characteristics, that ensure a durable material elasticity.



Picture 1

MATERIALS

Standard ITF sealing rings are made of a NBR nitrile rubber coated fabric, while, for special working conditions they can be made of other elastomers, such as: HNBR hydrogenated nitrile elastomer, FKM fluoroelastomer. Table 1 shows the minimum and maximum working pressures admissible for these elastomers.

MATERIALS	TEMPERATURA C°
NBR	-30° +100°(120°)
HNBR	-40° +150°(175°)
FKM	-20° +200°(250°)

Table 1

Further information regarding ITF packings applications and assembly can be asked for to our Technical Department.