

High-vacuum stopcocks

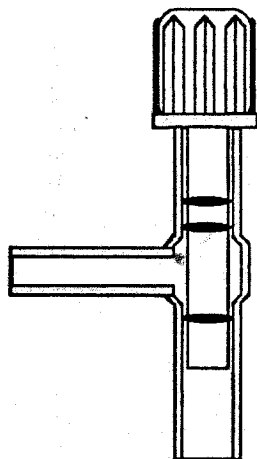
These high-vacuum stopcocks have been especially designed to be used in applications where high vacuum must be held. It consists of a borosilicate glass body (Pyrex / Duran 50) in which a piston is sliding. Very high precision grooves are shaped in this piston to place "O" rings in FPM. This material is very resistant to most of aggressive chemical agents and vapours.

Materials

- Body of stopcock : Pyrex ou Duran 50
- Piston : Pyrex ou Duran 50
- Caps : PPH (polypropylène)
- "O" rings : FPM. The "O" rings must be slightly lubricated with a grease compatible to the application.

Specifications

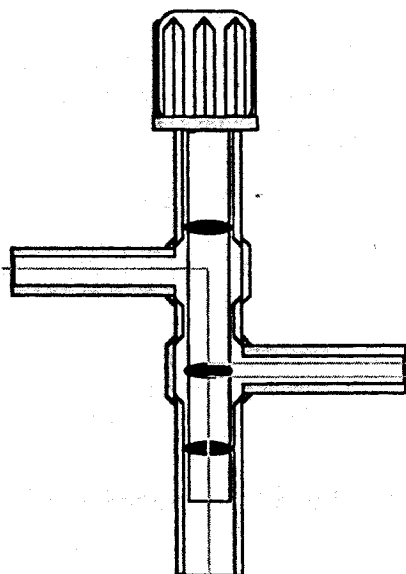
- Vacuum retention, dynamic : 10^{-6} torr (at 20°C)
- Max working temperature : +140°C



One-way stopcocks

Model	Tubes		bore (in mm)	diameter of bore	internal diameter
	ext. diam.	int. diam.			
O/12/9	12	9	9	1,78	5,28
O/20/15	20	15	15	2,50	10,00
O/25/20	25	20	20	3,00	15,00

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Two-way stopcocks

Model	Tubes		Bore (in mm)	"O" Ring of tore	Internal diameter
	ext. diam.	int. diam.			
O/20/15/T	13	10	10	2,50	10,00