

CONCEPT AND METHOD OF FUNCTIONING

Carbon Labyrinths are used as sealing elements to prevent the medium being pumped escaping to the atmosphere. Carbon Labyrinths possess all the advantageous properties of carbon and graphite materials such as chemical resistance, good sliding and dry run properties, high dimensional stability and resistance to fatigue failure.

APPLICATIONS

Carbon Labyrinths are primarily used to seal off the medium area in process gas compressors, screw compressors and piston type blowers.

They are used in all areas of industry, in heat pumps and in process cooling.

APPLICATION RANGE

Material:	A10K
Operating temperature:	max. 500 °C
Circumferential velocity:	max. 150 m/s
Shaft diameter:	20...100 mm

SCOPE OF DELIVERY

Carbon labyrinth to customer specification

