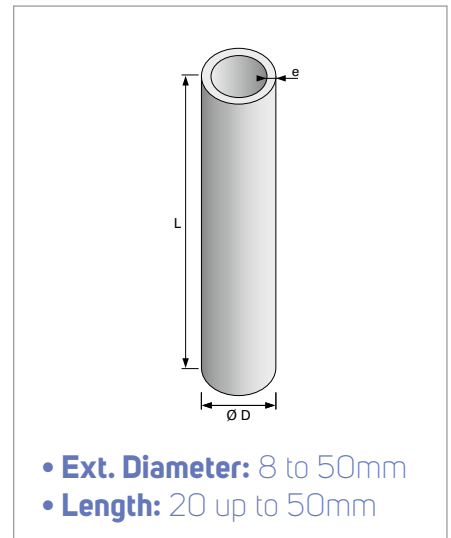


Porous Stainless Steel Uniaxial Tubes (IP)

PORAL® standard products are covering a wide range of applications.
Customized design available upon request.



Material

Type 316 L construction per default,
304 L, Inconel 600, Monel 400 or Hastelloy on request.

Features & Benefits

Mainly used as flame arrestors in welding devices.

- Good durability against most aggressive fluids,
- Usable over a wide range of temperatures,
- High mechanical resistance,
- Regenerable through backflush, chemical, thermal or ultrasonic treatment.

Retention rates

8 PORAL® grades available - see PORAL® grades definition table for detailed information.
In liquids, retention at 98% of solid particles from 3,2 µm (PORAL® grade 03) to 90 µm (PORAL® grade 40).
In gases, retention at 98% of solid particles from 0,2 µm (PORAL® grade 03) to 8 µm (PORAL® grade 40).

Designation / ordering guide

UNIAXIAL TUBES				
TYPE	"Ø D" Outer diameter [mm]	"L" Porous length [mm]	"e" Wall thickness [mm]	"S" filtration area [cm ²]
IP 8.20	8	20	2,0	5,0
IP 20.30	20	30	2,0	19,0
IP 30.50	30	50	2,0	47,0
IP 50.40	50	40	2,0	63,0

Customized design available upon request: send your requirement to poral.sales@poral.fr

PORAL standard designation: IP type.grade Ex IP 8.20.10