

## Helium leak standards (helium leaks) Gelit 1, Gelit 2

Helium leaks are manufactured in two modifications - Gelit 1 and Gelit 2, which differ in reproducible flow value and limits of permissible inaccuracy.

### DESIGNED FOR

application as standards of probe gas flow for leakage monitoring using helium leak detectors.



	Gelit 1	Gelit 2
Value of reproduceable flow at temperature (27 ±0,5) °C, Pa·m <sup>3</sup> /s	from 7·10 <sup>-10</sup> to 2·10 <sup>-8</sup>	from 3·10 <sup>-11</sup> to 7·10 <sup>-10</sup>
Temperature correction to flow, 1/ °C	from 2,5·10 <sup>-2</sup> to 3,5·10 <sup>-2</sup>	
Limits of permissible relative error of flow reproduction value, %	± 15	± 20
Dimensions, mm, not more		
- diameter	43	
- length	212	
Weight, kg, not more	0,25	
Operating conditions:		
- ambient temperature, °C	from +10 to +40	
- relative air humidity, %, not more	80	
- atmospheric ambient pressure, kPa	from 86 to 106	
Mean time between failures, h	15000	
Average service life, years	10	