

## **interstitial velocity**

*in chromatography*

The linear velocity of the mobile phase inside a packed column calculated as the average over the entire cross section. This quantity can, under idealized conditions, be calculated from the equation:

$$u = \frac{F}{\varepsilon_1}$$

where  $F$  is the nominal linear flow and  $\varepsilon_1$  the interstitial fraction

**Source:**

Orange Book, p. 102