

**Use the nomogram below to determine Hose ID Size based on Flow and Velocity.**  
 Conversely, it can be used to determine Velocity, based on Flow and Hose ID, or Flow based on Velocity and Hose ID.

### How to use the nomographic chart

To determine the recommended hose assembly size where the flow rate is known, lay a straight edge across the three columns so that the edge registers with the flow rate figure in the left hand scale, and the recommended velocity in the right hand scale. The point at which the straight edge intersects the centre scale indicates the recommended hose bore size.

Should this reading not coincide with a standard hose assembly bore size, the right hand edge of the straight edge may be adjusted up or down, within the recommended velocity range, until the straight edge registers with a standard bore size in the centre scale.

### Example

Where flow rate is 100 litres per minute and recommended flow velocity is 4.5 metres per second a 25 mm (1 inch) bore size hose assembly is indicated.

