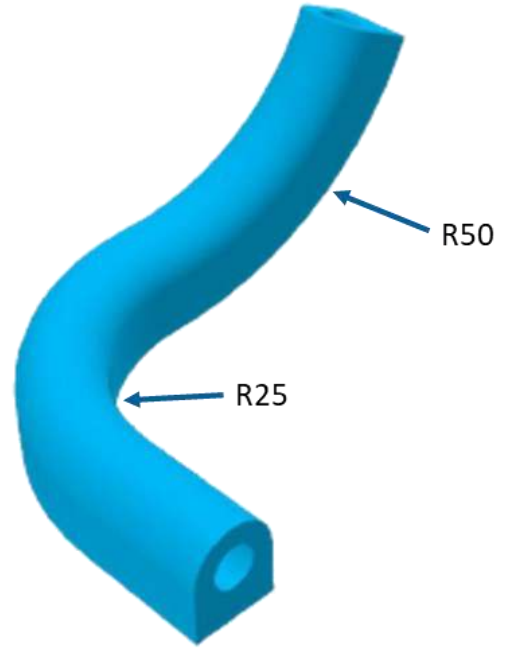


Mould Seal Data Sheet: RD-20-0013

'D' section mould seal for use as a primary resin seal in the majority of 'Light' RTM and RTM tooling.

General Specifications	
Silicone Type	General Purpose
Colour	Blue
Overall Height	14 mm
Overall Width	12 mm
Cross Sectional Area	124 mm ²
Shore Hardness	55 shore
Service Temperature	Continuous use: Maximum 180°C Single use: Maximum 200°C
Compressive Force	9 kN/m *to fully close mould seal on a metal RTM channel
Shelf Life	5-10 years *if stored correctly (HOW)
*All extrusion dimensions must be to Silicone Extrusion Tolerance Table E1	

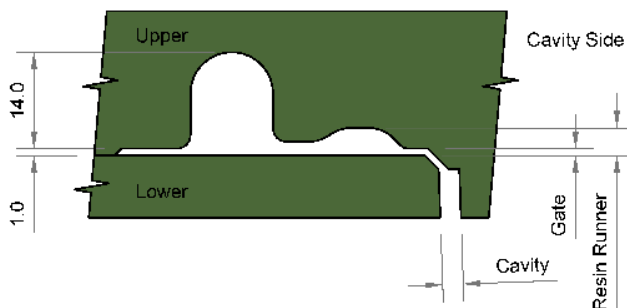


Groove Specifications

To avoid seal damage: Please ensure that the cross sectional area of the seal groove is approximately 10% larger than the area of seal being used. This applies to both composite and metal tooling.

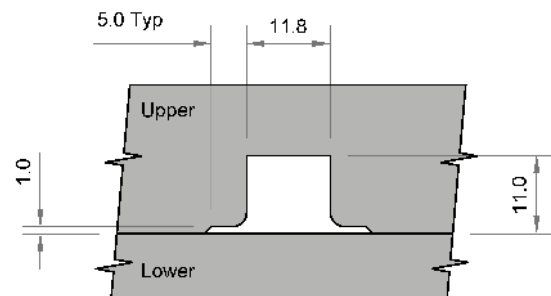
Note: The largest practical bend radius, particularly in the vertical direction for the mould tooling is preferable.

Composite VRTM — Peripheral Fill



D Seal groove to suit RD-20-0013 or RD-20-0011
Use RD-20-0010 (white) to form groove
Use RD-20-0016 (red) to form resin runner
Blend edge of groove R2 Typ

Metal RTM



D Seal groove to suit:
RD-20-0010 (white)
RD-20-0011 (green)
RD-20-0013 (blue)
Runner detail varies on application

