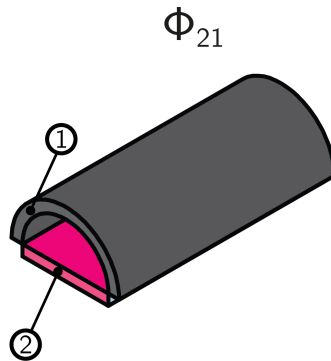


# View Factor 04

A long semi-circular body has a flat plate inside. Determine the view factor  $\Phi_{21}$ :



A flat plate can never see itself and therefore:

$$\Phi_{22} = 0$$

From the sum rule ( $\Phi_{21} + \Phi_{22} = 1$ ), one finds that:

$$\Phi_{21} = 1 - \Phi_{22} = 1$$