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French to Gauge Conversion

French scale is equal to the diameter in mm multiplied by three.

Contrary to needle gauge size where the diameter is 1/gauge inches: the larger the gauge needle, the more narrow the bore of the needle.

$$\text{mm} = \text{Fr}/3$$

French Gauge	Diameter (mm)
3 Fr	1.00 mm
6 Fr	2.00 mm
9 Fr	3.00 mm
12 Fr	4.00 mm
15 Fr	5.00 mm
18 Fr	6.00 mm
24 Fr	8.00 mm
30 Fr	10.00 mm

References:

'French catheter scale' (2014). Retrieved March 4, 2021, from https://www.wikidoc.org/index.php/French_catheter_scale.