

Anilox Roller Recommendations

Water-based Coatings

The choice of the suitable anilox roller is of central importance for an optimal coating result. Depending on the coating type, we recommend different engravings and cell volumes. For a better understanding, the table below shows the engravings hexagonal and tri-helical. For further engravings (e.g. ART, TIF) please contact us.

Preferred engravings are marked in bold letters. Please note that our recommendations are guidelines based on experience from practice. Also parameters such as ruling, depth, angle and the wall-cell ratio of an anilox roller determine the coating result.

	Hexagonal	Tri-helical
High Gloss Coatings	15-20 cm ³ /m ²	13-18 cm³/m²
Gloss Coatings	13-15 cm ³ /m ²	11-13 cm³/m²
Matt Coatings	9-11 cm³/m²	
Blister Coatings	15-22 cm ³ /m ²	14-16 cm³/m²
Barrier Coatings	15-22 cm ³ /m ²	14-16 cm³/m²
Calander Coatings	16-22 cm ³ /m ²	14-20 cm³/m²
Anti-slip Coatings	13-15 cm³/m²	11-13 cm ³ /m ²
Drip Off (Low Structure)	9-11 cm³/m²	8-10 cm ³ /m ²
Primer (Offline)	13-15 cm³/m²	11-13 cm ³ /m ²
Primer (UV Inline, Double Coating)	14-16 cm³/m²	12-14 cm ³ /m ²
Non-absorbent Substrates	14-16 cm³/m²	12-14 cm ³ /m ²