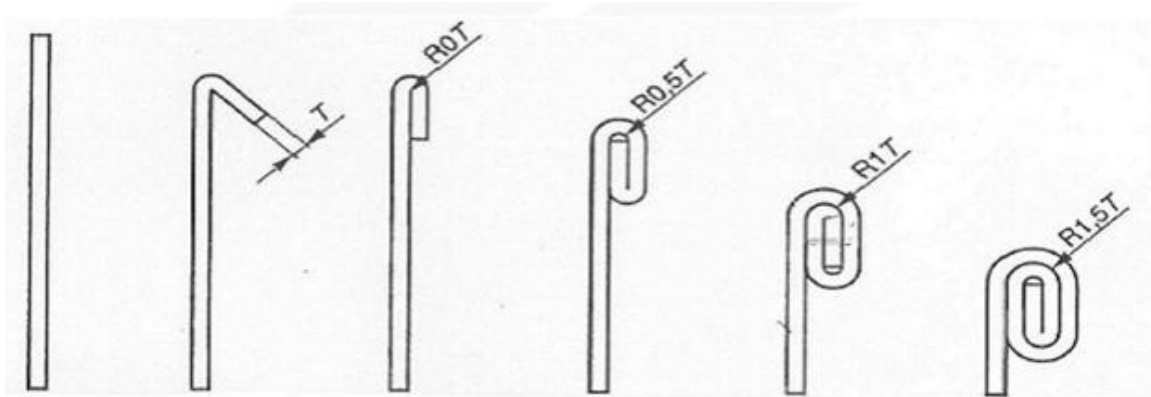


Bend radius – Metpaint guarantee

The flexibility of the coating is assessed by subjecting the material to a bending test, which can be performed vertically or horizontally (unless otherwise agreed).

- The test sample is bent (approximately 1 cm from the tip) to approximately 100°;
- The bent sample is tightened using a vice or hydraulic press until the two surfaces come into contact. This corresponds to the bending level "0T";
- If necessary, this operation is repeated until the guaranteed bending radius of the product is reached.
- In case of dispute, the test must be performed at a temperature of $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ and a relative humidity of $50\% \pm 5^{\circ}\text{C}$.



The measured bending radius depends on the metal substrate used, the metal condition, the thickness, and the coating material.

Therefore, whenever a limit value is required, it must be agreed upon by both the manufacturer and the customer and specified in the order.

Liquid-coated material (on ALLOY H42-H111)*

Legg	Spessore (mm)	Tipo di vernice	Garanzia di piegatura
3005 H41	< 0,70	Pvdf	0,5 T
3005 H41	> 0,7 a 1,40	Pvdf-wrinkled	1 T
3005 H42	from 0,3 to 1,40	Pvdf-wrinkled	1 T
3105	from 0,25 to 1,5	Pe-pu-pmd-pvdf-wrinkled	1,5 T
5000 family	from 0,25 to 1,0	Pe-pu-pmd-pvdf-wrinkled	1,5 T
5000 family	1,50	Pe-pu-pmd-wrinkled-Pvdf	2 T

*These warranties do not apply to physical states H44, H46 and H48.