



## Choice of a marking head's protection system

Protection system	Mobile Shutters (inox)			Protective bellows (silicone)			Canvas protection Yellow <sup>3</sup>			Protective plate <sup>2</sup> (alu)		
Marking head	CN211Sp, CN212Sp			CN211Cp, CN212Cp, CN110p, CN312Cm			CN211Sp, CN212Sp			CN211Sp, CN212Sp		
Stylus position	⇒	⇩	⇩	⇒	⇩	⇩	⇒	⇩	⇩	⇒	⇩	⇩
Dry dust	A	A	A	A	A	C	A	A	A	B	B	B
Wet dust	B	B	C	B	A	C	B	B	B	B	B	B
Chips, dry and cold	A	A	A	B	B	////	B	B	B*	C	B	B
Chips, dry and hot	A	A	A	////	////	////	C	C	C*	C	B	B
Liquid (coolant, oil, ...)	C	B	////	A <sup>1</sup>	A <sup>1</sup>	A <sup>1</sup>	B	B	B	////	C	////

Legend :      **A** : Well adapted      **B** : Adapted      **C** : Possible (requires preventative maintenance)

\* : contact us

**1** : Verify the resistance to different products as listed in the product info.

**2** : Check the environment around the head to allow the movement of the protective plate.

**3** : Reinforced protective boot.

**Remark 1** : As a general rule, the bellows and the boot can cause deformed characters at the limits of travel. In this case, don't mark OCR characters or Data Matrix at the edges of the window.

**Remark 2** : In all cases, with the stylus in the position "point up", schedule regular cleaning of the bellows or boot.