

MARKAL®

PRODUCT BROCHURE

BALL PAINT MARKERS



BRIGHT
PRECISE
PERMANENT



CAPTION

PACKAGING:



Box



Retail Pack



Display



Clip Strip

SURFACES :



Steel



Lumber, Timber



Rubber



Plastic



Cardboard



Pipes, Tubes



Concrete, Stone



Glass



Stainless Steel

COLORS :



White



Green



Grey



Light green



Fluorescent Pink



Yellow



Black



Pink



Aluminium



Fluorescent Yellow



Red



Orange



Brown



Silver



Fluorescent Blue



Blue



Purple



Light blue



Gold



Fluorescent Green



Fluorescent Orange

PICTOGRAMS :



Marking range



Weather- and UV-resistant marking



Formula limiting the risk of corrosion (low sulfur and halogen content)



Mark temperature resistance



Manufacturing location



Low Volatile Organic Compound (VOC)



Fast drying paint



Tip shape and size



Indelible marking



Xylene-free paint



PMUC certified product



Erasable marking



IMDS registered product

BALL PAINT MARKERS

For over 50 years, Markal® has manufactured in its French location the best quality tube marker. With its steel ball tip pressed on a heavy-duty aluminum squeeze tube, and its thick and bright paint, these markers are suitable for most industrial applications. They will be your preferred marker where a bright and precise marking has to be done on a rough, wet or oily surface with a long lasting, UV and water resistant paint.

Cap

- Solid
- Indicates the paint color

Ball

- Abrasion resistant steel ball on rough surfaces
- Allows marking on the most difficult surfaces
- Different sizes of tips available : 2mm, 3mm, 6mm

Tip

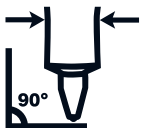
Improved tip and springs to deliver a smooth paint flow.

Tube

Soft and strong aluminium body specifically designed for optimal product use.



HOW TO USE ?



- Hold the marker vertically when marking
- Apply vertical pressure to the surface so that the ball retracts into the tip and allows the paint to flow



- Do not bend or roll up the tube to avoid puncturing it

STYLMARK ORIGINAL



STYLMARK ORIGINAL



BALL TUBE MARKER FOR MULTIPLE SURFACES

STYLMARK Original is a metal-ball tip marker for marking most surfaces. The aluminum squeeze tube and thick paint makes it suitable for rough, vertical and overhead surfaces with excellent adhesion on oily and wet surfaces. Xylene-free paint reduces user health risks.

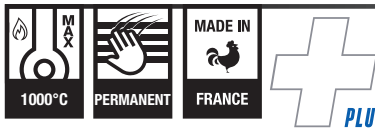
COLOURS	PART NR.:	2MM	6MM	3MM	PART NR. — DISPLAY (3MM)
		96640	96664	96652	199014 5x + 5x + 5x
		96641	96665	96653	
		96642	96689	96654	PART NR. — READY-TO-SELL 22500 (x24 Stylmark unit box, white) 22501 (x24 Stylmark unit box, yellow) 22502 (x24 Stylmark unit box, red) 22503 (x24 Stylmark unit box, black) 22505 (x24 Stylmark unit box, blue) 22506 (x24 Stylmark unit box, green)
		96644	96682	96657	
		96645	96683	96658	
		96643	96667	96655	
		-	-	96656	
		-	-	96660	
		-	-	96662	
		-	-	96659	
		-	-	96661	



Part nr. 199014



Part nr. 22501



STYLMARK+ HIGH TEMPERATURE HT.1000



BALL TUBE MARKER FOR ANNEALING AND HEAT-TREATING

STYLMARK+ High Temperature HT.1000 is a metal-ball tip marker that is ideal for annealing and heat-treating operations. Mark at ambient temperature and the high-performance paint withstands temperatures up to 1000°C. The aluminum squeeze tube and thick paint makes it suitable for rough, vertical and overhead surfaces with excellent adhesion on oily and wet surfaces.

COLOURS	PART NR.:	3MM	6MM
		96700	96702
		96701	96703

LOW CORROSION BALL PAINT MARKERS

WHAT ARE LOW CORROSION MARKERS ?

As technology continues to advance, many industries such as nuclear power generation, oil refining, aerospace, shipbuilding, and the military are relying upon stainless steel and various alloy metals for use in highly sensitive equipment. These environments often utilize high pressures, temperatures or hazardous materials, and unwanted corrosion can weaken this sensitive equipment and cause dangerous health and safety risks.

“Low Corrosion” markers contain inks or paints formulated with limited halogens and sulphur to reduce the risk of corrosion.

WHAT DOES IT MEAN TO BE PMUC CERTIFIED ?



PMUC stands for « Produits et Matériaux Utilisés en Centrale nucléaire », which means « Products and materials used in nuclear plants ». It is a French technical designation that qualifies all material or products that are allowed to be used on a nuclear plant. For use on all IPS circuits (IPS = Important for safety), the content of halogenated elements (chlorine, fluorine and bromine) and sulfur in PMUCs is limited because of the risk of corrosion of metallic components. Gaining the PMUC qualification is a demanding process that ensures the quality of a product destined to be used in a nuclear plant, where safety is of the uttermost essence. In the case of Markal®, each batch of paint used in the composition of our PMUC products is subject to a systematic individual chemical analysis.

When the paint meets the requirements of this approval, it is then used to fill PMUC markers. Its batch number is therefore written on each marker, on its packaging, and reported on the delivery note, thus ensuring complete traceability. Markal® is the only manufacturer of EDF PMUC approved manual marking products able to offer in a PMUC version, the PAINT-RITER®+ Low Corrosion SL.250 liquid paint marker and the STYLMARK+ Low Corrosion ST.2100 ballpoint tube.

This confers a leading position in the field of marking tools in nuclear enclosures on the French market.

Both versions fulfill the following requirements:

- Halogen and Sulfur Free
- Chloride (Cl) + Fluoride (F) + Bromide (Br) + Iodine (I) < 200 ppm
- Sulphur (S) < 200 ppm





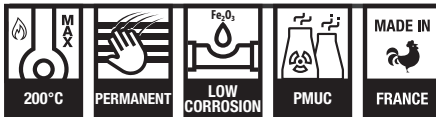
STYLMARK+ LOW CORROSION ST.2100



BALL TUBE MARKER FOR STAINLESS STEEL MARKING

STYLMARK+ Low Corrosion ST.2100 is a metalball tip marker that meets European nuclear requirements. The low sulfur and low chloride content allows for safe marking on stainless steel. The aluminum squeeze tube and thick paint makes it suitable for vertical and overhead surfaces.

COLOURS	PART NR. — 3MM	PART NR. — 6MM
	97160	97170
	97161	97171
	97162	97172
	97164	-
	97165	-
	97163	-



STYLMARK+ LOW CORROSION ST.2100 PMUC



BALL TUBE MARKER FOR STAINLESS STEEL MARKING

- Safe for use on stainless steel and other alloy metals where corrosion resistance is a requirement
- Official PMUC certification : <200 ppm total halogens (chlorides, fluoride, bromide, iodine), <200 ppm sulfur
- Each marker is delivered with a batch number and an official certificate with the product shipment

COLOURS	PART NR. — 3MM
	97360
	97361
	97362
	97363
	97364

DELIVERED WITH A BATCH NUMBER AND AN OFFICIAL CERTIFICATE WITH THE PRODUCT SHIPMENT



As manufacturer, we cannot control the conditions under which our products are being used or the many factors that have an effect on the use and application of our products. We disclaim liability for any damages caused by using our products. Please always perform compatibility tests to your application/material demands.



MERKAL

UFI : FAPA-300P-AD0X-09S9

STYLMAK
— INDELIBLE BALL PAINT MARKER

Marqueur à peinture indélébile. Écrit sur toutes surfaces.
Unverwischbare Markierfarbe. Markierung auf alle Oberflächen.
Tinte a sfere a vernice indelibile. Marca su qualunque tipo di superficie.
Markierung auf allen Oberflächen.

Introducing Markal® Plus Series !

Premium performance items are joining our new "Plus (+) Series" product line. These highly engineered tools are designed to perform in specific applications and environments.



MARKAL®

THE MARK OF WORK™

LACO Industries, Llc.

1201 Pratt Boulevard, Elk Grove Village, IL 60007-5746 | +1 (800) 621 4025 +1 (847) 956 7600 | customer_service@laco.com

LA-CO Industries Europe SAS

Allée des Combes, Pl de la Plaine de l'Ain, 01150 Blyes, France | +33 (0) 4 74 46 23 23 | info-europe@laco.com



markal-city.com