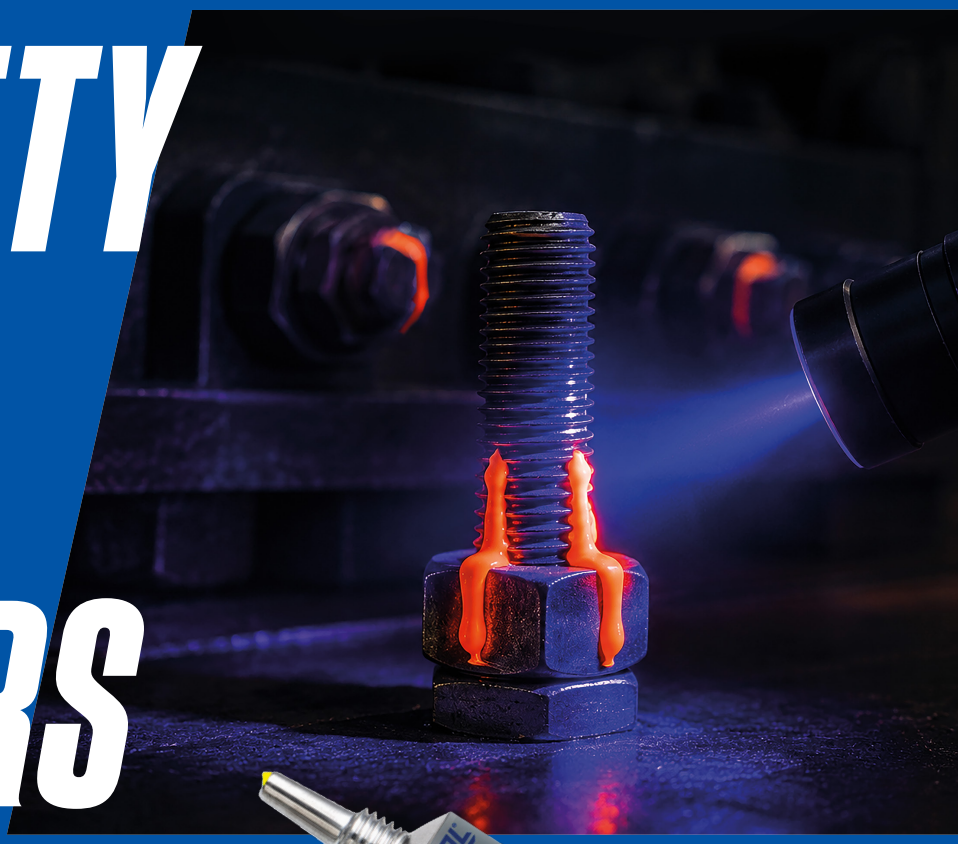
MARKAL®

PRODUCT BROCHURE

SECURITY CHECK MARKERS



QUICK AND EASY DETECTION

OF LOOSENESS IN BOLTED JOINTS

SECURITY CHECK MARKERS

Loose Fasteners: Problems and Solutions for Maintenance and OEM Quality Control

Accidents never happen without a cause... Vibration, expansion, contraction and corrosion can create side to side thread movement which leads to loosening and ultimately fastener failure. Assemblies have to be frequently checked and retightened. Fortunately, there are ways to protect assemblies from accidental dings and scratches. A small investment in preventive detection can save assemblers thousands in repair bills. SECURITY CHECK paint markers are inspection markers which deliver a pasty paint : paint is applied on the assembly (bolt – nut – washer). Once dried, the film becomes hard like stone. If loosening happens, the paint will break and a simple visual inspection will alert that the part has moved from its original position.

Nozzle

- Easy to use by screwing the nozzle on the head of the marker.
- Practical with its 3 levels, the nozzle can be easily cut to the desired length to meet the desired paint thickness.
- Thanks to its length (5cm), the marker's head is extended by 3 cms, offering easy access to hard-to-reach areas.
- The new tip comes with a built-in cap for a convenient and quick closure.
  An integrated retaining wire keeps the cap attached to the nozzle, so that it can't be lost and remains always at hands.

Cap

- Made from durable plastic, these heavy-duty caps are designed for quick and complete sealing to prevent premature drying.

Paint

- High visibily paint for a fast and easy visual check.
- Thick paint that, when applied to bolted connections hardens into a continuous 3D tamper-evident seal.
- Paint free of heavy metals for a safe use on metal and for the user.
- Exists in several colors.

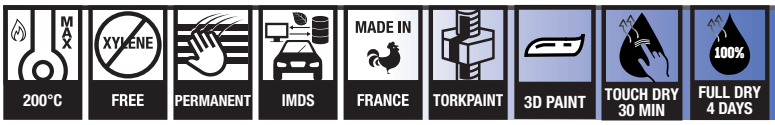
Tube

- Soft and strong aluminum body specifically designed for optimal product use.
- Effective volume superior compared with other products in the market (50 ml paint) for a longer period of use and reduced work downtime.

3 Versions

- Security Check Original
- Security Check+ FAST DRY
- Security Check+ HIGH TEMPERATURE

STANDARD USE



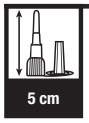
SECURITY CHECK ORIGINAL

TORQUE PAINT MARKER

SECURITY CHECK Original Paint Marker provides a convenient visual method for identification of vibratory loosening or tampering in nuts, bolts, fasteners, and assemblies. High visibility paint mark becomes a hard 3D film that breaks easily. Ideal for quality control and warranty work. Safe on most surfaces, adheres perfectly to metal. Safe for the user, doesn't contain Xylene.

BOX 1 48

PART NR. — BOX	MAX TEMP.	PART NR. — BOX	MAX TEMP.
96668	200°C	96674	200°C
96669	200°C	96675	175°C
96670	175°C	96677	175°C
96671	175°C	96678	175°C
96672	175°C	96679	175°C
96673	200°C	96680	175°C
		96681	175°C



SECURITY CHECK EXTENSIVE NOZZLE

DISPENSING TIP FOR CONTROLLED APPLICATIONS

Our Security Check extensive nozzle offers precision, controlled paint flow, and access to hard-to-reach areas. Built for industrial use, ensuring consistent, clean, and reliable marking performance.

BOX 12 48

PART NR. — BOX	
96676	Plastic tip for Security Check Paint Marker

HOW TO USE ?

- Cut the nozzle tip to the desired level using a cutting tool.
- Remove the cap from the tube.
- Screw the nozzle onto the tube.
- Apply gentle manual pressure on the tube to release the paint.
- Do not bend or roll the tube so as not to puncture it.
- Properly replace the cap after prolonged non-use.

User tutorial

MAX 200°C | XYLENE FREE | PERMANENT | MADE IN FRANCE | TORKPAINT | 3D PAINT | HIGH VISIBILITY | FAST DRYING | TOUCH DRY 5 MIN | 100% FULL DRY 48 H

SECURITY CHECK+ FAST DRY

New

EXTREMELY FAST DRYING TORQUE PAINT MARKER

SECURITY CHECK+ Fast Dry provides a convenient visual method for identification of vibratory loosening or tampering in nuts, bolts, fasteners, and assemblies. The fast drying, high visibility paint mark forms a hard 3D film that breaks easily. Ideal for quality control and warranty work. Safe on most surfaces, adheres perfectly to metal. Safe for the user, doesn't contain Xylene. Available in standard colors and in special fluorescent colors that glow under black UV light for enhanced inspection and easy identification in low-light conditions.

PART NR. — BOX	PART NR. — BOX
95210	F 95224*
95211	F 95225
95212	F 95226*
95213	F 95227*
95214	F 95228*
95221	F 95229*

BOX 1 48

*Available September 2026

New
Fluo under black UV light

MAX 1000°C | PERMANENT | MADE IN FRANCE | TORKPAINT | 3D PAINT

SECURITY CHECK+ HIGH TEMPERATURE

HIGH TEMPERATURE RESISTANCE TORQUE PAINT MARKER

SECURITY CHECK+ High Temperature provides a convenient visual method for identification of vibratory loosening or tampering in nuts, bolts, fasteners, and assemblies. High visibility paint mark becomes a hard 3D film that breaks easily. Mark at ambient temperature and the high-performance paint withstands temperatures up to 1000°C. Ideal for quality control and warranty work for brakes or any kind of heating assemblies parts inside engines. Safe on most surfaces, adheres perfectly to metal.

PART NR. — BOX
97516
97517

BOX 1 48

MARKAL

SECURITY CHECK+

FAST DRY

NEW FORMULA

TOUCH DRY 5 MIN

FULL DRY 48 H

FLUO WITH BLACK UV

3D PAINT

XYLENE FREE

SECURITY CHECK
THE POWER OF A 3D MARK

BUILT TO STAY VISIBLE
The thick, high viscosity formula forms a raised 3D mark that remains visible even when exposed to dust, oil, grease, and harsh environments.

CRYSTAL CLEAR EVIDENCE OF MOVEMENT
The continuous bridge across the nut, washer, aand base will crack or break if the fastener moves providing an instant visual alert during inspection.

NOT ALL TORQUE MARKS ARE CREATED EQUAL

LIQUID PAINT

Thin lines can be easily covered by contaminants and don't form a continuous bridge.

SECURITY CHECK

Thick 3D mark stays visible and cracks clearly when movement occurs for easy visual detection.

SECURITY CHECK ORIGINAL PAINT

New

ORIGINAL PAINT FOR INDUSTRIAL TOOLS

SECURITY CHECK Original Paint provides a convenient visual method for identification of vibratory loosening or tampering in nuts, bolts, fasteners, and assemblies. High visibility paint mark becomes a hard 3D film that breaks easily. Ideal for quality control and warranty work. Safe on most surfaces, adheres perfectly to metal. Safe for the user, doesn't contain Xylene.

	PART NR.	VOL.	PART NR.	VOL.
BOX 1 / 1	95388	1KG	95391	1KG
	95389	1KG	95392	1KG
	95390	1KG	95393	1KG

SECURITY CHECK THIN PAINT

New

THIN PAINT FOR INDUSTRIAL TOOLS

SECURITY CHECK Thin Paint is our SECURITY CHECK Original paint formula diluted by 10%.
It provides a convenient visual method for identification of vibratory loosening or tampering in nuts, bolts, fasteners, and assemblies. The high visibility paint mark forms a hard 3D film that breaks easily. Ideal for quality control and warranty work. Safe on most surfaces, adheres perfectly to metal. Safe for the user, doesn't contain Xylene.

	PART NR.	VOL.	PART NR.	VOL.
BOX 1 / 1	95348	1L	95351	1L
	95349	1L	95352	1L
	95350	1L	95353	1L

SECURITY CHECK FLUID PAINT

New

FLUID PAINT FOR INDUSTRIAL TOOLS

SECURITY CHECK Fluid Paint provides a convenient visual method for identification of vibratory loosening or tampering in nuts, bolts, fasteners, and assemblies. Ideal for quality control and warranty work. Safe on most surfaces, adheres perfectly to metal. Safe for the user, doesn't contain Xylene. Engineered for fluid applications, it features a dynamic viscosity of 10–35 mPa·s (at 20°C) and a kinematic viscosity of 30–40 seconds (via a 3mm DIN cup).

	PART NR.	VOL.	PART NR.	VOL.
BOX 1 / 1	95323	0,5L	95360	5L
	95324	0,5L	95361	5L
	95325	0,5L	95362	5L
	95326	0,5L	95363	5L
	95327	0,5L	95364	5L
	95328	0,5L	95365	5L

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.

PLUS SERIES

LP97R00262EU 07/26

MARKAL®

THE MARK OF WORK™

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