

**MARKAL®**

PRODUCT BROCHURE

# SECURITY CHECK MARKERS

QUICK AND EASY DETECTION  
OF LOOSENESS IN BOLTED JOINTS

REAL 3D  
PAINT MARK





## 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 (bold – 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 visibility 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

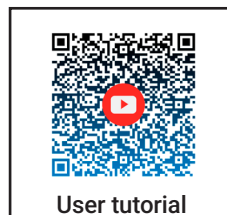
- Security Check Original
- Security Check+ HIGH TEMPERATURE
- Security Check+ FAST DRY



## 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

## SECURITY CHECK PINPOINT

#### Dispensing tips

- This plastic tapered dispensing needle, 18 Gauge (0.035" ID), is designed for precise applications, ideal for Security Check Pinpoint paint. The tapered tip helps prevent blockages, ensuring smooth and consistent paint flow. The design is specifically crafted to increase fluid flow rates, making it an excellent choice for applications requiring precision and uninterrupted dispensing. With its 0.035" inside diameter, this needle provides optimal performance, offering a reliable solution for industrial, automotive, and lab-based uses.
- This 16 Gauge (1.65 mm) long straight metal dispensing needle features a stainless steel cannula with a double helix polypropylene hub. The burr-free cannula ensures unobstructed Security Check Pinpoint paint flow, providing smooth and consistent dispensing for a wide range of applications. With a length of 2.54 cm, this high-quality needle is designed for precision and reliability, making it an ideal choice for controlled performance in various industries.
- This 45° angled needle, 18 Gauge (1.245 mm), features a stainless steel cannula with a specific design for precise applications in hard-to-reach areas. With an outer diameter (OD) of 1.245 mm and an inner diameter (ID) of 0.84 mm, this needle ensures smooth and accurate Security Check Pinpoint paint flow, providing reliable dispensing of materials. Its length of 3.5 cm makes it suitable for situations that require a longer length for better access, while maintaining excellent performance. It is ideal for industrial, automotive, and laboratory applications where a 45° angle is necessary for easier handling.

#### Luer Lock adapter

- Precision and cleanliness of your paint applications. Universal compatibility: Designed to screw perfectly onto the Security Check Pinpoint bottle, ensuring a secure and airtight connection. The end equipped with a Luer Lock thread allows easy attachment of dispensing needles, guaranteeing precise and controlled paint application. It reduces the risk of leaks and ensures even distribution, even in demanding environments such as industrial assembly and electronic repair. Chemical resistant, it offers optimal durability.

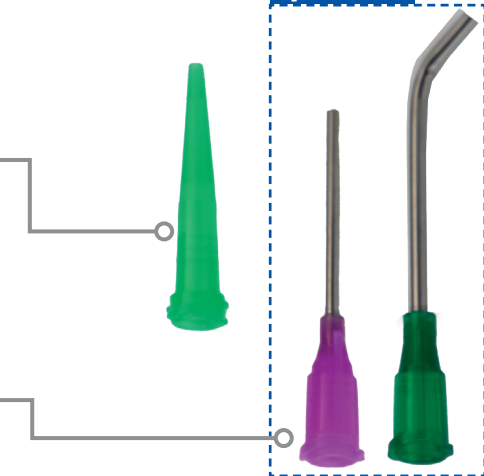
#### Cap

- Made from durable plastic, this heavy-duty cap is designed for quick and complete sealing to prevent premature drying.

#### Paint

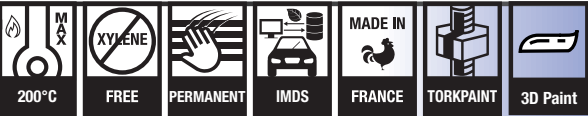
- 30 ml paint bottle for a dry to the touch in less than 2 minutes.
- The formula allows for a thick mark, creating a visible 3D effect.
- Once dry, it breaks under force, allowing for easy visual detection of loosening.
- Non-drip formula: The paint's viscosity has been specifically engineered to prevent dripping, ensuring clean and precise application on vertical surfaces and threaded assemblies.
- Xylene-free for a safe use on metal and for the user.
- Exists in several colors.

#### Optional





STANDARD USE



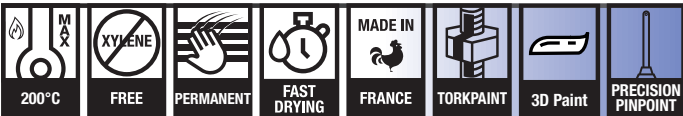
SECURITY CHECK ORIGINAL

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.



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	96680	175°C	
	96673	200°C	96681	175°C	
			96679	175°C	



SECURITY CHECK PINPOINT

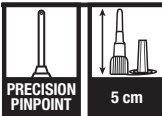


PRECISE FAST-DRYING PAINT MARKER FOR BOLTED ASSEMBLIES

This 30 ml paint bottle with Luer Lock applicator is ideal for controlled and precise applications. It includes a plastic Needle and a Luer Lock adapter for compatibility with other needles. The formula allows for a thick mark, creating a visible 3D effect. It dries to the touch in less than 2 minutes and is xylene-free. Once dry, it breaks under force, allowing for easy visual detection of loosening. Perfect for quality control, preventive maintenance, and industries such as railway, mechanical, aerospace, and electronics.



PART NR. — BOX		PART NR. — BOX	
	95408	95411	
	95409	95412	
	95410		



SECURITY CHECK DISPENSIVE TIPS



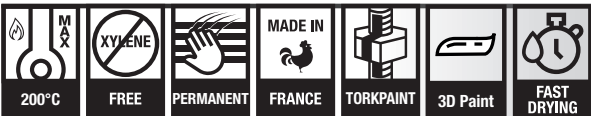
DISPENSING TIPS FOR CONTROLLED APPLICATIONS

Whether designed for the tube or the bottle format, each Security Check tip offers the same key benefits: precision, controlled paint flow, and access to hard-to-reach areas. While the tube uses a dedicated extension nozzle, the bottle is compatible with a range of four precision tips. All options are built for industrial use, ensuring consistent, clean, and reliable marking performance.



PART NR. — BOX		
	95422	45° angled dispensing Needle 18 gauge, for PINPOINT Luer Lock adapter (length 3,5 cm)
	95423	Plastic taper dispensing tip 18 gauge for PINPOINT Luer Lock adapter (length 2,54 cm)
	95424	Regular straight dispensing needle, 16 gauge, for PINPOINT Luer Lock adapter (length 2,7 cm)
	96676	Plastic tip for Security Check Paint Marker

SPECIFIC USE



SECURITY CHECK+ FAST DRY



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.



PART NR. — BOX		PART NR. — BOX	
	95210	95213	
	95211	95214	
	95212	95221	



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



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.





UFI : P4PA-2

**SECURMARK**

Torque Paint Marker.  
Marqueur peinture pour  
SchraubenSicherungs

**SAFETY CHECK**





**MARKAL**  
**SECURITY CHECK**  
PAINT MARKER

**PINPOINT** 30 ML

TOXIC  
FAST DRYING  
NO SOLVENTS  
MADE IN FRANCE



## ***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.



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# **MARKAL®**

**THE MARK OF WORK™**

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