

# 金属探伤剂渗透剂



包装

11690500-47

金属探伤剂渗透剂 500 ml

渗透剂，适用于非破坏性的裂纹测试，采用颜料渗透技术

红色的颜料渗透剂具备良好的蠕变性能，尤其适合非破坏性材料测试。测试后可用溶剂型清洁剂清除。该产品适用于金属、多种塑料、陶瓷材料及玻璃等。用于塑料材质时请事先测试材料的兼容性。

## 技术参数

气味	溶剂
特色	蠕变性能出色
保存期限	24 个月
颜色	红色
耐温性	0 至 +50 °C

## 操作

- 1、使用WEICON金属探伤剂清洁剂对待处理的部件进行彻底清洁与去脂。等待其干燥。
- 2、操作温度介于0°C至+50°C。将WEICON金属探伤剂渗透剂喷涂于已清洁并干燥的物体表面。等待5至10分钟让其发挥功效。
- 3、将WEICON金属探伤剂清洁剂少量喷洒于一块不起毛的拭布上，并用该拭布将多余的渗透剂擦去。
- 4、将WEICON金属探伤剂显象剂置于距物体表面约20厘米处进行喷洒。当被喷洒的物体表面初现白色时，则需停止喷涂。过多的显象剂有可能覆盖住金属缺陷！仅需片刻，裂纹或缺陷部分即呈现出红色的丝状或点状。5至10分钟后则可目测到所有裂纹及缺陷。

## 储藏

容器带压。避免阳光直射。储存温度不可超过+50°C。

## 安全与健康

使用WEICON产品时，需注意产品的物理性、安全性、毒性、生态性的详细参数以及我们EG材料安全数据表（[www.weicon.com](http://www.weicon.com)）的具体信息。

## 提示

本资料中列出的所有产品，其参数和建议是我们在实验室的测试结果及经验总结，不得被视为对产品特性的保证。由于每一个用的实际应用情况并不在我们的认知、控制及责任范围内，我们对这些信息并不承担任何义务。我们保证我们的产品符合并遵守我们销售条款中承诺的高品质、无瑕疵的要求。我们建议用户通过自行试验来论证其希望选用的产品是否完全符合预期。因用户未遵照指定的操作方法使用产品而造成损失的情况，用户将独自承担全部责任。

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# Crack Testing Agent Penetrant



## Safety and health

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets ([www.weicon.com](http://www.weicon.com)) must be observed.

## Available sizes:

11690500

Crack Testing Agent Penetrant 500 ml

## Penetrant for the non-destructive material testing by way of colour penetration process

Red diffusion agent with excellent penetration characteristics for the non-destructive material testing - washes off with solvent. Suitable for metals, many plastics, ceramic materials, glass etc. The suitability for plastic has to be tested in advance.

## Technical Data

Odour	solvent
Features	very good penetration properties
Silicone free	yes
Storage stability	24 months
Colour	red
Temperature resistance	0 to +50 °C

## Processing

1. Parts have to be cleaned thoroughly from fat, oils or other contamination with WEICON Crack Testing Agent Cleaner and allowed to dry. The flaws have to be open toward the surface.
2. The processing temperature is in the range of 0°C to +50°C. Apply WEICON Crack Testing Agent Penetrant to the cleaned and dry surface and allow to react for 5-10 minutes.
3. Remove excess Penetrant from the surface with a lint-free cloth slightly moistened with WEICON Crack Testing Agent Cleaner.
4. Spray on WEICON Crack Testing Agent Developer from approx. 20 cm distance. Only spray on just enough Developer to produce a white background on the surface. Too much developing agent can cover fine cracks! Cracks and flaws become visible as red lines and dots after a short time. Perform final visual assessment after 5-10 minutes.

## Storage

Pressurized container: protect from sunlight and do not expose to temperatures exceeding +50°C.

## Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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