CRC CRICK

NON-DESTRUCTIVE TESTING SYSTEM

Each batch is sample tested
TESTED

DETECTS CRACKS UP TO
30µm
DETECTS CRACKS UP TO

WELDING

CRC

Crick 110

Solvent cleaner and penetrant remover
Lösungsmittelreiniger und Eindringmittelentferner
Solvant de dégraissage et d'élimination du pénétrant
Oplosmiddelreiniger en product voor het verwijderen van penetrant
Rengörande, penetrerande vätska
Limpiador disolvente y eliminador de penetrante
Solvente pulitore, Detergente per liquido penetrante
Zmywacz z zestawu Crick

NDT - CLEANER

WELDING

CRC

Crick 120

Water washable red dye penetrant
Rotgefärbtes Rissprüfmittel wasserabwaschbar
Pénétrant rouge rinçable à l'eau
Waterafspoelbare rode penetrant
Rod spricksökningsvätska, vattenlöslig
Penetrante de color rojo Eliminable con agua
Liquido penetrante rosso Lavabile con acqua
Czerwony penetrant z zestawu Crick

NDT - PENETRANT

WELDING

CRC

Crick 130

Fast evaporating developer
Schnelltrocknender Entwickler
Révélateur à évaporation rapide
Snelverdampende ontwikkelaar
Snabbavdunstandeframkallare
Revelador de evaporación rápida
Liquido rivelatore a rapida evaporazione
Wywoływacz z zestawu Crick

NDT - DEVELOPER

The total solution for reliable penetrant testing

Crick Non Destructive Testing system (NDT)

CRC Crick is a high-quality dye penetrant testing system that detects **cracks up to 30µm**. The system is developed to ensure that almost anyone can easily learn to use it; with only three ready-to-use aerosols, you can perform the complete test. Combine this with the extraordinary quality of the Crick products and you can be confident that every crack will be detected.

Why use the Crick system?

✔ Highly sensitive testing method: **detects cracks up to 30µm!**

✔ Applicable on most materials and complex geometric shapes

✔ Easy-to-use & easy-to-learn.

✔ Quick results thanks to fast-drying formula.

✔ Low sulphur and low halogen content.

TESTED · Each batch is sample tested

All Crick batches are sample tested according to **EN ISO 3452-2** and **ASME Code Section V**.

EN ISO 3452-2: This ISO-norm specifies the technical requirements and test procedures for penetrant materials for their type testing and batch testing.

ASME Code Section V: Specifies the requirements for the NDT methods, specifically for boilers and pressure vessels.

Product Range

CRICK 110: CLEANER

A solvent-based cleaner/degreaser specifically developed for the thorough removal of all contaminants before inspection with Crick 120 penetrant.

* Effective: cleans deep into the cracks
* Efficient: fast-drying formula

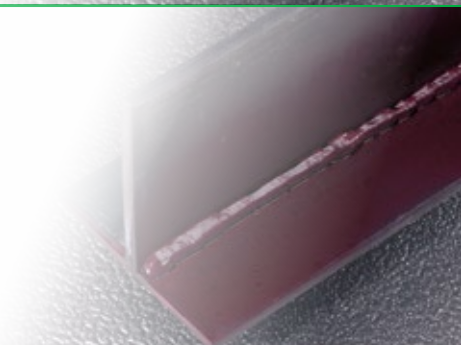| Ref.	SIZE
30723	Aerosol 500 ml
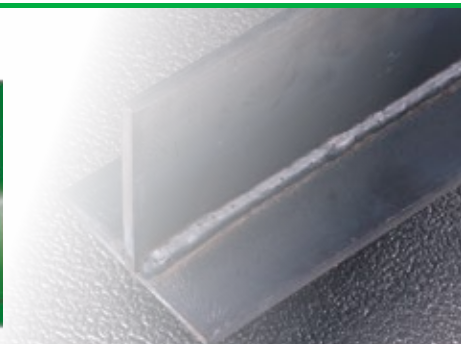
CRICK 120: PENETRANT

A red coloured penetrant that flows into tiny surface cracks within a time frame of 10 to 20 minutes. Visible with natural white light.

* Highly sensitive dye: flows into tiny cracks
* Water-washable

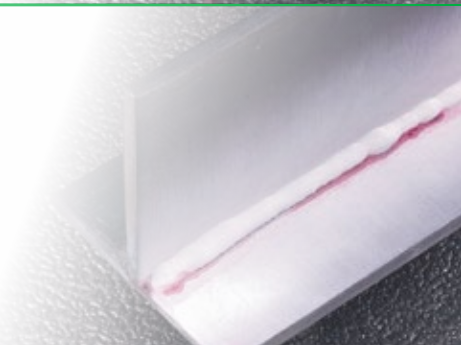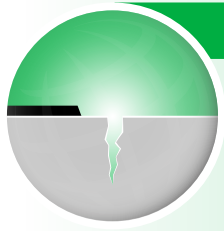| Ref.	SIZE
30205	Aerosol 500 ml

CRICK 130: DEVELOPER

Highly absorbant developer that highlights cracks and failures. Cracks up to 30 µm can be detected. Easy to clean with Crick 110.

* Effective: Detects cracks up to 30µm
* Efficient: cracks detected in less than 7 minutes* after applying

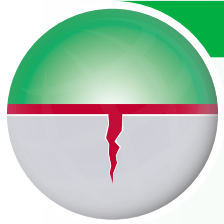| Ref.	SIZE
20790	Aerosol 500 ml

Step 1 CRICK 110 – CLEAN THE SURFACE

Before testing, the surface must be clean, degreased and dry. All soiling that can mask imperfections must be removed.

- Spray the Crick 110 cleaner generously on the surface
- Wipe the surface clean with an absorbent cloth
- Allow to dry thoroughly

Step 2 CRICK 120 – APPLY PENETRANT

- Shake the can of Crick 120 prior to use.
- Spray the penetrant in a light, even film on the surface, covering all areas that need to be tested.
- Allow to penetrate for 10 to 20 minutes.
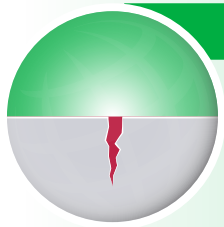
Step 3 CRICK 110 – REMOVE EXCESS PENETRANT

- Apply Crick 110 cleaner on a lint-free cloth
- Wipe the surface untill all visible, coloured traces are removed. Make sure that you do not wash the penetrant out of the cracks.
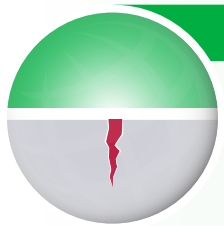
Step 4 CRICK 130 – APPLY DEVELOPER

- Shake the can of Crick 130 thorougly prior to use, for at least 1 minute.
- Spray a light, homogeneous coat of developer from a distance of about 20 cm. Avoid any excess of developer to avoid masking the finest flaws.
- Allow to develop for at least 7 minutes*.
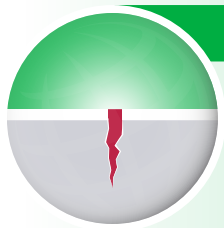
Step 5 VISUAL INSPECTION OF DEFECTS

- Inspect the surface for red spots or line
- After the drying time, defects appear as red spots or lines on the white background. The wider and more intense the colouring is, the wider and deeper the crack is.

Step 6 POST-TREATMENT (IF REQUIRED)

Cleaning: Crick 110 can be used to post-clean the surface by spraying the cleaner on the surface and wipe it off.

Protection: Protect your metals with one of CRC's corrosions protection products (see www.crcind.com for the complete product range).

Check the step-by-step Crick application video.

CRICK NDT KIT

ORDER YOUR KİT AT YOUR LOCAL DİSTRİBUTOR!

This convenient testing kit provides everything you need for dye penetrant testing. Ideal for trying out the CRC Crick NDT system.

This kit includes:

- **Crick 110 Cleaner** - Aerosol 500 ml

- **Crick 120 Penetrant** - Aerosol 500 ml

- **Crick 130 Developer** - Aerosol 500 ml

Ref.	SIZE
30763	Crick Testing Kit

DETECTS CRACKS UP TO **30μm**

For more CRC products, visit www.crcind.com