

PRODUCT DESCRIPTION

ChesterSeal N11 pre-applied sealant is a composition based on a water based acrylic compound. The product is applied to the threaded surface and dried. After drying, it forms a dry inactive coating ensuring immediate tightness.

APPLICATION FIELDS

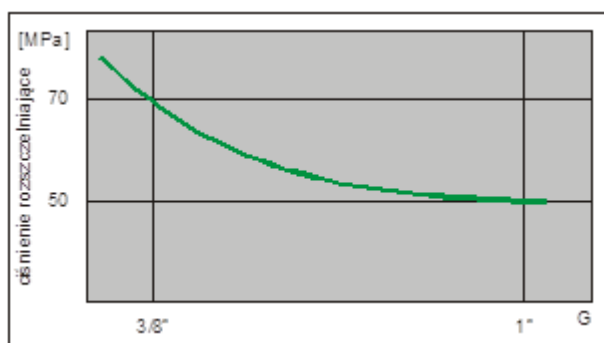
The product is intended to create sealing and anti-corrosion coatings on threaded surfaces. The product enables a relative change of the position of the protected elements without losing tightness..

PROPERTIES

Form	liquid
Colour	light green
Flash point [° C]	non-flammable
Drying [min.]	20 at 80°C 270 at 20°C
Form after application	dry elastic coating
Maximum working temp [°C]	150

LEAKTIGHTNESS OF THREAD JOINTS

The graph below shows the pressure value unsealing the connection as a function of the thread diameter. The tests were carried out with the use of connectors covered with a yellow chromate layer with threads made in accordance with ISO 228-1. The pressure tests were carried out at the temperature of 20 ° C with the use of water.



CHEMICAL RESISTANCE

Solvent	Chemical resistance
Petrol	+
Diesel	+
Brake fluid	+
Engine oil 130 oC	+
Glycol	+
Kerosine	+
Nitric acid 10%	+
Acetic acid 10%	+
Amines	+
Phenol	+

Lactic acid	+
Sea water	+
Natural gas	+
Ammonia	-
Chlorine	-
Oxygen	-

+ - can be used unreservedly

- - not recommended

Unless otherwise stated, the tests were carried out at 22 ° C.

The tests were carried out after 72 hours of hardening at the temperature of 22 ° C.

The complete Resistance Table for CHESTER anaerobic materials can be find on our website.

GENERAL INFORMATION

Storage

The sealant should be stored in closed, original containers at a temperature between +5°C to+28°C.

The sealant in the packaging should be protected against any kind of contamination.

Thread elements with a pre-applied coating can be stored at 20 ° C for 3 6 months.

Application method

The elements to be applied should be clean and degreased. The application can be made in a machine or manually, e.g. with a brush.