

SUPRANITE®

NGR AS

ADVANTAGES

- ➔ **SUPRANITE® NGR AS (PMUC No 17-0214) combines a good level of compressibility associated with a high elastic recovery.**
- ➔ **SUPRANITE® NGR AS provides a highly satisfactory seal as soon as the gasket starts to be tightened.**
- ➔ **SUPRANITE® NGR AS has outstanding mechanical properties and remains stable when overstressed at both cold and hot temperature.**
- ➔ **SUPRANITE® NGR AS is easy to handle and cut, and preserves its integrity under high stresses during tightening process.**

CONSTRUCTION-COMPOSITION

SUPRANITE® NGR AS is made of nuclear grade expanded graphite foils and ultra thin stainless steels, laminated in a multi-layer structure capable of withstanding high stresses. The graphite and stainless steel are bonded without glue by an exclusive physico-chemical process that gives **SUPRANITE® NGR AS** outstanding cohesion.

APPLICATIONS

SUPRANITE® NGR AS can be used on all types of flanges or assemblies, at very high operating pressures and temperatures.

SUPRANITE® NGR AS displays remarkable properties in the most tricky situations, e.g. in narrow recesses or narrow spans.

TECHNICAL CHARACTERISTICS

Max. temperature in inert atmosphere	800°C
Max. temperature en service continuous steam	500°C
Min. temperature	- 269°C
Max. pressure	250 Bar
Halogens content	Max 200 ppm
Chloride ions content	Max 30 ppm, generally less than 10 ppm
Sulphur content	Max 200 ppm

CONCERNED INDUSTRIES

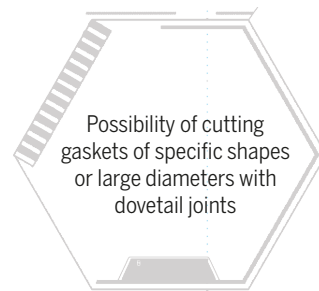
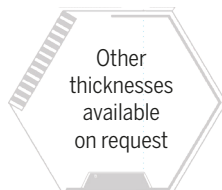


Energy Nuclear Power

(*) : Supranite NGR AS has been PMUC approved under technical convention No. S76 T4033 / SUPRANITE® NGR AS / PMUC No. 17-0214.

PACKAGING

1,5 x 1,5 m SHEETS					
NUMBER OF SHEETS per package					
Thickness (mm)	1	1,5	2	3	4
Number of sheets	2	2	1	1	1



For more information, contact our staff using the contact details below or by scanning this QR-CODE:



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