



# RCI 21

*Il materiale RCI 21 è rigido stampato, di colore verde chiaro, privo di amianto. Costituito da filamenti di acciaio in dispersione casuale, per accrescerne le proprietà di dissipazione del calore e di resistenza. Incorpora una miscela di modificatori di attrito attentamente selezionati, e un legante che è stato creato espressamente per migliorarne le proprietà*

*The RCI 21 material is rigid printed, light green in color, without asbestos. Made of steel filaments in random dispersion, to increase the properties of heat dissipation and resistance. It incorporates a carefully selected blend of friction modifiers, and a binder that has been specifically created to improve its properties.*

## Dati Tecnici / Technical Data

### Friction properties (according graphics)

Static Friction Coefficient (15bar, from box):	0.35±0,5	μ
Static Friction Coefficient (15bar, 100°C):	0.42±0.05	μ
Dynamic Friction Coefficient (10bar, 10m/s):	0.42±0.05	μ

### Physical properties

Hardness (DIN53505):	75	Shore-D
Specific Gravity (ASTM D792-91):	2,3±0.05	gr/cm3

### DIMENSION AVAILABLE :

**WIDT** : FROM 100 TO 330 mm

**Thickness** : FROM 8 TO 12 mm

5 METERS ROLL

### Mecanical Properties

Tensile Strenght (ASTM D638) MPa	15 MN/m2
Resistencia a fexión (ASTM D790)	FLEXIBLE
Compressive Strenght (at break)	MPa 180

### Recommended Working Values

T° Max. Continuous Operation:	250 °C
T° Max. Intermittent Operation:	300 °C
Recommended Mating Surface:	Perlitic cast iron, hardness HB150-200
Recommended Adhesives:	Thermosetting adhesive

