

ID Material: 9  
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Revision: 5  
Last updated: 07/05/2018

# VH-03

VH-03 is the last generation of Sauleda clutch facings, with similar friction properties but higher stiffness. Smooth behaviour and very high temperature resistance. VH-03 is a woven material with glass fibre and is reinforced with copper. This clutch facing performs with very stable coefficient and resists temperature with a minimum wear.

## Material data

### Friction properties (according graphics)

Static Friction Coefficient (15bar, from box):	0.42±0.05	μ
Static Friction Coefficient (15bar, 100°C):	0.44±0.05	μ
Dynamic Friction Coefficient (10bar, 10m/s):	0.38±0.05	μ
Wear Rate (10bar, 15m/s):	100±10	mm <sup>3</sup> /Kwh
T° Fading (10bar, 10m/s):	>350°C	°C

### Physical properties

Hardness (DIN53505):	85±5	Shore-D
Specific Gravity (ASTM D792-91):	1.95±0.05	gr/cm <sup>3</sup>
Ignition Loss (ASTM D-2524):	40±2	%
Thermal Conductivity (ASTM E1952-01):	33±0.01	W/m <sup>2</sup> K

### Mechanical properties

Compressive Strength (UNE 53205):	120±5	N/mm <sup>2</sup>
Burst Resistant (200 x 137 x 3,5) 200°C:	12000±100	RPM

### Recommended Working Values

T° Max. Continuous Operation:	250	°C
T° Max. Intermittent Operation:	350	°C

Material type : Woven yarn

### Appearance / Formats



Bonded Rings Sheets

### Applications

Heavy vehicle clutches - Trucks clutches - Vehicles clutches -

Price Level : € € €

Reach (EC)1907/2006 - RoHS 2011/65/EU : Compliance

### Others

Recommended Mating Surface: Perlitic cast iron, hardness HB150-200

Recommended Adhesives: Thermosetting adhesive

Oil Resistant: Yes

