



Technical Specification - TN 3939

Talustech TN3939 is a 'Crossbraid' constructed packing. Manufactured from innocent re-inforced pure expanded graphite. Also contains corrosion inhibitors which enables the packing to be used in contact with Stainless Steel. high thermal conductivity, self lubrication and rapid heat dissipation are just three of the advantages of using Talustech 3939.



1. Technical Characteristics

Construction	Square knitting cord
Material	Expanded graphite + wire Inconel
Impregnate	---
Lubricate	---

2. Physical-Mechanical Properties Obligatory for Delivery and Acceptance

	Specific Unit	Nominal value	Tested to standard
Dimension of the cord	mm	3 till 25 mm	
Tolerance of dimension	mm	see TP 62-61-96, tab. 1	
Flexibility of the cord	-		



3. Other Physical-Mechanical Properties

		Specific Unit	Nominal value
Min operating temperature		°C	- 220
Max operating temperature		°C	+ 450
Max. operating temperature	Steam		+ 650
	Oxidising gases		+ 450
	Inert gases		+ 1000
Max operating pressure	Valve	bar	500
	Piston pump		250
	Centrifugal pump		30
Max. operating velocity	Piston pump	m.s ⁻¹	2
	Centrifugal pump		5
Density		g.cm ⁻³	1,0 – 1,4
Chemical resistance		pH	0 – 14



4. Chemical Resistance Table

Good Resistance	Medium Resistance
Amine, Nitrile	Abrasive Slurries
Weak Acids	Bitumen
Medium Acids	Strong acids and strong alkalis
Oxygen (up to +350°C)	
Neutral Solution	
Mineral Oils	
Synthetic Oils	
Steam	
Inert Gases	
Acidic Gases	
Solvents	
Volatile Hydrocarbons	
Water	
Hydrogen	
Weak Alkalis	

As the function and durability of the products depend upon a number of factors, the data may not be used to support any warranty claims.

Talus Technical Services Inc.

111, Huntington Avenue, Scarborough, Ontario ON M16 4L4, Canada

www.talustechnical.com