



Technical Specification - TN 400

Talustech TN400 has been developed as a high speed packing and is plaited from high tensile strength PTFE which incorporates high quality graphite and additional lubricant. This makes suitable for working at very high pressure with normal gland clearance. The graphite and additional lubricant gives improved thermal conductivity and low coefficient of friction, thus making it suitable for use at high shaft speeds. There is rapid heat transfer from the rubbing face of the packing and this not only increases the working life but means that the frequency of adjustment and shaft abrasion are kept to a minimum.



1. Technical Characteristics

Construction	Square knitting cord
Material	PTFE + Graphite
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 see TP 62-61-96, tab. 1	
Tolerance of dimension	mm	see TP 62-61-96, tab. 1	
Flexibility of the cord	-		

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3. Other Physical-Mechanical Properties

		Specific Unit	Nominal value
Min operating temperature		°C	- 100
Max operating temperature		°C	+ 280
Max operating pressure	Valve	bar	200
	Piston pump		150
	Centrifugal pump		20
Max. operating velocity	Piston pump	m.s ⁻¹	2
	Centrifugal pump		24
Density		g.cm ⁻³	1,6
Chemical resistance		pH	0 - 14

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4. Chemical Resistance Table

Good Resistance	Medium Resistance
Amine, nitrile	Abrasive slurries
Strong acid	Bitumen
Acids	
Weak Acids	
Neutral Solution	
Mineral oils	
Synthetic oils	
Steams	
Inert Gases	
Acid Gases	
Food	
Solvents	
Volatile hydrocarbons	
Water	
Hydrogen	
Strong Alkalis	
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.

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