



VARINI GUARNIZIONI INDUSTRIALI

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TECHNICAL DATASHEET NITRILE RUBBER ROLL

APPLICATION LIMITS	MAGNITUDE	UNIT OF MEASURE
Max Working Temperature	75	°C
Min Working Temperature	-20	°C
PHYSICAL PROPERTIES		
Polymer Content (NITRILE)	10%	
Color	Black	
Thickness	2-3	mm
Roll Size	1400(Height) x 10000(Length)	mm
Specific Gravity (DIN 53508)	1.45	g/cm ³
Hardness (DIN 53505)	70±5	Sh A
Tensile Strength (DIN 53504)	MIN 4	N/mm ²
Elongation at Break (DIN 53504)	MIN 200	%
Compression Set (70°C/24 hrs at 25%) (DIN 53517)	MAX 40	%
Tear Resistance (Angular) (DIN 53515)	MIN 18	Kg/cm
HEAT AGEING (72 hrs AT 70°C) ASTM D573		
HARDNESS (Pts)	+5 (Max)	Sh A
Tensile Strength	+10 / -25	%
Elongation At Break	+10 / -25	%
VOLUME SWELL AT 70°C FOR 72 hrs ASTM D 471		
IRM OIL NO.1	+30%	
IRM OIL NO.2	+44%	
IRM OIL NO.3	+85%	
CHEMICAL RESITNACE		
OZONE	FAIR	
DILUTE ACIDS AND BASES	FAIR	
CONCENTRATED ACIDS AND BASES	NOT RECOMMENDED	
OILS	NOT RECOMMENDED	
SOLVENTS	NOT RECOMMENDED	

This edition cancels all previous issues. Subject to change without notice

Since all properties, specifications and application parameters shown throughout this catalogue are approximate and may be mutually influenced, your specific application should not be undertaken without independent study and evaluation for suitability. All technical data and advice given is based on experiences. Failure to select proper sealing products can result in damage and/or personal injury. Properties, specifications and application parameters are subject to change without notice. Varini Guarnizioni Industriali s.n.c. does not undertake any liability of any kind whatsoever.