



# RUBBER SHEETS

## PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE	TRADE NAME
<b>GAS</b>	Sheet for hydrocarbons/gas

POLYMER: NBR	APPLICATION Oil resistant
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CHARACTERISTICS	UNITS OF MEASURE	SPECIFICATIONS	VALUES	TOLERANCE
HARDNESS (H):	Sh.A3	ASTM D 2240	72	± 5
TENSILE STRENGTH (CR)	MPa	ASTM D 412C	12	min.
ELONGATION AT BREAK (AR)	%	ASTM D 412C	300	min.
TEAR STRENGTH	N/mm (.)	ASTM D 624B	60	min.
ABRASION RESISTANCE	mm <sup>3</sup>	DIN 53516		
SPECIFIC GRAVITY	g/cm <sup>3</sup>	DIN 53479	1,25	± 0,03

AGEING	Δ H	Sh.A3		5
In: Air	Δ CR	%	ASTM D 573	- 20
For: 72 h	Δ AR	%		- 40
At: 100 °C	Δ V	%		

AGEING	Δ H	Sh.A3		-10
In: IRM 903	Δ CR	%	ASTM D 471	
For: 72 h	Δ AR	%		
At: 100 °C	Δ V	%		+ 10

AGEING	Δ H	Sh.A3		-25
In: FUEL C	Δ CR	%	ASTM D 471	
For: 72 h	Δ AR	%		
At: 23 °C	Δ V	%		+ 35

WORKING TEMPERATURES							
In Air	°C	ASTM D 573	min:	- 20	max:	+ 100	
In Oil	°C	ASTM D 471	min:		max:	+100	
In Water	°C	ASTM D 471	min:		max:	+90	

MAIN CHARACTERISTICS					
Elasticity	Compression	Abrasion	Flame	Fuels	Ozone
GOOD	GOOD	POOR	POOR	EXCELLENT	GOOD/POOR

This data sheet has been issued with the greatest care and it is the result of several proofs made in our laboratory, according to specific norms. We don't ensure that the same tests carried out in other laboratories at the same conditions can give the same results.