



**RAM GASKET SOLUTIONS**  
GASKET ENGINEERING TECHNOLOGY

## NITRILE FINE FLUTE

### MATERIAL SPECIFICATION SHEET

PROPERTY	STANDARD	VALUE	UNIT
Elastomer		NITRILE NBR-SBR	
Quality		High Grade	
Colour		Black	
Grade		P9540	
Hardness		65	Shore A (+/-5)
Specific Gravity		1.45	g/cm <sup>3</sup>
Tensile Strength		7	N/mm <sup>2</sup>
Elongation at Break		250	%
Working Temperature		-10 to +70	°C
Working Temperature (Short Term)		+90	°C
Compression Set 22h/+70 °C	DIN ISO 815	40	%
<b>Chemical Resistance</b>			
Ozone		Non Resistant	
Weather		Non Resistant	
Oil		Good	
Benzine		Good	
Acid		Moderately Resistant	
Strong Bases		Moderately Resistant	
Abrasion		Non Resistant	
<b>Ageing (70h/70 °C)</b>			
Hardness	DIN 53508	+7	Shore A
Strength	DIN 53508	-10	%
Elongation	DIN 53508	-20	%
<b>Swelling (IRM 903 – 70h/+100 °C)</b>			
Hardness	DIN 53521	-5	Shore A
Volume	DIN 53521	+10	%

- Excellent ratio of price and performance
- Good oil resistant.
- Good benzene resistant.
- For minor mechanical demands.



ISO 9001:2015 Q93057 ISO 14001:2015 EMS 505718

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