

Material ref AR424

Black High Nitrile Rubber 70° Shore

Material Reference-	424
Colour-	Black
To Specification-	Genuine 'SEMPERIT P559' High Grade Nitrile
Description	<ul style="list-style-type: none"> •Good Oil Resistant – recommended for most aliphatic and aromatic oils •Good Benzine Resistant (also suitable for unleaded fuel): Fuel B (ISO 1817) 70h/30 °C, approx. 20% volume swell

Basic Properties	Value	Unit
Hardness	70 +/- 5	Shore 'A'
Density	1.49	grams per cm ³
Tensile Strength	10	N/mm ²
Elongation at Break	330	%
Working Temperature Min	-20	°C
Working Temperature Max	80	°C

Compression Set, DIN ISO 815

Duration	Temperature	CS
22h	+100 °C	+40%

Ageing, DIN 53508

Conditions	Hardness	Strength	Elongation
70h/100 °C	+10 Shore 'A'	-10%	-35%

Swelling, DIN 53521

Medium	Conditions	Hardness	Volume
IRM 903	70h/+100 °C	-5 Shore 'A'	+10%

Other information

Food Use Suitability	Not Recommended
Abrasion Resistance	Moderate Suitable
Ozone Resistance	Non Resistant
Weather Resistance	Non Resistant
Oil Resistance	Good Resistant
Benzine Resistance	Good Resistant
Acid Resistance	Moderately Resistant
Strong Bases	Resistant
Issue Date:	Aug 2003

Data has been copied from manufactures/distributors data test sheet and is intended to be used for guidance and come without warranty or guarantee.

As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline

It is the responsibility of you, the customer to assess the suitability of product supplied for the purpose for which it is to be used.

Datasheet is subject to alteration without prior notice. This Data Sheet supersedes all previous data sheets, Rubberonline Terms and conditions apply

(Source ref: 10-16 Semp)