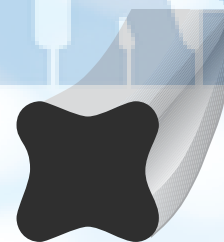


## NBR 70-compound 36624 X-Ring - Technical Data Sheet

### 1. Introduction

NBR 70-compound 36624 is a Nitrile compound with medium percentage of Acrylonitrile. Standard compound with good compression set values for contact with hydraulic fluids.



### 2. Product Description

Chemical Composition :	Acrylonitrile / Butadiene Rubber
Physical form :	X-Rings
Colour :	Black
Storage stability * :	± 7 years

\* : Following ISO 2230 conditions

### 3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 48 Method M	70 ± 5 IRHD
Tensile Strength at break	ISO 37	min 13 MPa
Elongation at break	ISO 37	min 420%
Specific Weight	ISO 2781	1,16
Compression Set	ISO 815	
25% compression - 70h/100°C	ISO 815	10%
Heat Ageing 70h/100°C	ISO 188	
Hardness Change		0%
Volume Change		0%
Tensile Strength Change	ISO 37	-14%
Immersion in ASTM oil n° 3	ISO 1817	
Hardness Change		max 9°
Volume Change		max 15%
Tensile Strength Change		max -16%

### 4. Temperature Resistance

- -30° to +120°C
- TR10 (low temp.): -16°C

### 5. Chemical Resistance

Alkali	: very good
Air	: excellent
Alcohol	: very good
Fats	: excellent
Mineral oils	: excellent
Silicone oils	: excellent
Vegetable oils	: excellent
Inorganic acids	: excellent
Ketones	: unsatisfactory
Ethers	: unsatisfactory
Organic acids	: fair
Inorganic acids	: excellent

### 6. Advantages

- Eriks good compression set high performance X-rings
- Good price/quality level

### 7. Other Information

- Can be produced in different colours.
- Can be produced in compliance with FDA.177.2600.