Product Description

The choice of perfection

PRODUCT NO.: 050000330

O-RING 12,42X1,78



Perbunan® is a brand name for nitrile butadiene rubber (NBR) – a synthetic rubber that is particularly known for its excellent oil and fuel resistance.

?? Properties of NBR / Perbunan®
- Chemical resistance: Resistant to mineral oils, fats, aliphatic hydrocarbons, diluted acids and bases
- Temperature range: approx. –30°C to +100°C, briefly up to +120°C
- Mechanical properties:
- Good abrasion resistance
- High elasticity
- Low compression set – ideal for seals
- Not resistant to: ozone, UV radiation, aromatic and chlorinated hydrocarbons

?? Typical applications
- Automotive industry: seals, fuel hoses, engine components
- Hydraulics & pneumatics: O-rings, shaft seals
- Medical & laboratory: Nitrile gloves as an alternative to latex
- Industry: Roller coatings, membranes, rubber sheets

?? Variants
- HNBR: Hydrogenated NBR with improved ozone and temperature resistance
- Blends with PVC: For better weather resistance

Technical data

Dimensions	12,42x1,78 mm	Inner diameter	12,42 mm
Material	NBR (Perbunan)	Temperature	-30°C - +100°C
Wall thickness	1,78 mm		