



FOOD CONVEYOR SKIRT-BOARD



Redco™ NBR™ P60, P60FDA

TECHNICAL DATA SHEET

A premium Nitrile copolymer blend, modified with higher acrylonitrile (ACN) content to increase its resistance to oils, fuels and increase the physical properties.

Originally intended for engineered gaskets, washers and seals due to its chemical & oil resistance, Redco™ NBR™ is also ideal for demanding machinery components where oil resistance is critical.

COLOUR: BLACK or FDA White
DUROMETER: 60A
DESIGNATION: NBR: Nitrile, Buna-N
SHAPES: Sheet, strips
SIZES: 1/16" through 1" thick

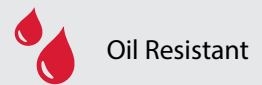
KEY APPLICATIONS:

- Applications where oil resistance is a concern
- Machinery gaskets
- Food and pharmaceutical processing parts
- Heat & oil resistant parts
- Hoses & sleeves



CORE ADVANTAGES:

- White grade is available as FDA-compliant.
- Resistant to oils.
- Can be formulated for relatively high temperatures.
- Good mechanical properties for flex, compression, and traction.
- Impermeable to gases.
- Good resistance to most inorganic chemicals, aliphatic hydrocarbons & solvents.
- Very good resistance to alkalis & acids.



Oil Resistant



Chemical Resistant



Food Safe



Low Gas Permeability

Redco™ NBR™ P60 Technical Data

PROPERTIES	STANDARD	UNIT	VALUE
Specific Weight	UNE 53526	g/cm3	1.29 +/- 0.03
Hardness	DIN ISO 7619-1	°Sh A	60 +/- 5
Tensile Strength	UNE-ISO 37	MPa	11 min
Elongation	UNE-ISO 37	%	560 min
Compression Set (24h, 70°C)	UNE-ISO 815-1	%	30 mean values
Oil Swel. ASTM1 (72h, 100°C)	UNE ISO 1817	%	-3 mean values
Oil Swel. IRM903 (72h, 100°C)	UNE ISO 1817	%	+9 mean values
Working Temperature		°C	-20/+100

Redco™ NBR™ P60FDA Technical Data

PROPERTIES	STANDARD	UNIT	VALUE
Specific Weight	UNE 53526	g/cm3	1.39 +/- 0.03
Hardness	DIN ISO 7619-1	°Sh A	60 +/- 5
Tensile Strength	UNE-ISO 37	MPa	11 min
Elongation	UNE-ISO 37	%	500 min
Compression Set (24h, 70°C)	UNE-ISO 815-1	%	35 max.
Oil Swel. ASTM1 (72h, 70°C)	DIN-ISO 1817	%	-1 mean values
Oil Swel. IRM903 (72h, 70°C)	DIN-ISO 1817	%	+11 mean values
Working Temperature		°C	-30/+100

Chemical Resistance

Redco™ NBR™ P60

Ozone	Moderate
Weather	Moderate
Oil	Excellent
Acid	Not suitable
Base	Moderate

Redco™ NBR™ P60FDA

Ozone	Moderate
Weather	Moderate
Oil	Excellent
Acid	Poor
Base	Moderate