

# TECHNICAL DATA SHEET

## NITRILE RUBBER (NBR/BUNA N)

# TME 700

### Description

Nitrile rubber (NBR) originally (Buna N) is a wide range of bonded natural and synthetic rubbers with excellent resistance to oil, making it a favourite for flange seals against oil and gas.



### Material Properties

Colour	Black
Dimensions	ANSI 16.21 Raised / Full Face and DIN Standard
Working temperature (°C)	-30 °C ~ +115 °C

### Physical Properties

Properties	Test Standard	Unit	Specified Values	Test Values
Hardness	ASTM D 2240	SHORE A	65 +/- 5	67
Tensile Strength	ASTM D 412	Psi (Bar)	640 (44)	50
Elongation At Break	ASTM D 412	%	300 (min)	325
Tear Strength	ASTM D 624	Psi (Bar)	327 (22)	24
Sp. Gravity	N/A	N/A	1.45 +/- 0.05	1.47

Rubber sheets can be cut either to standard or customer specific requirements in-house.