

# 10.00-20 16 164A5 NOKIAN TYRES ARMOR GARD 2 MINE TT

Strong tire for drill rigs with mining compound and improved, wider tread

PRODUCT CODE	T445770
TIRE CLASSIFICATION CODE	E-2
APPLICATION	Drill rigs and other mining machines
LI / SPEED SYMBOL	164A5
PLY RATING	16
RIM RECOMMENDED	7.5
RIM PERMITTED	8.0



## LOAD CAPACITY FOR DRILL RIGS AND OTHER MINING MACHINES, LB

Pressure (psi)	Speed (mph)					
	0	creep	2.5	5	12	15
102	14375	12370	12370	12370	9515	9515
105	14670	12630	12630	12630	9710	9710
109	14960	12875	12875	12875	9910	9910
112	15255	13130	13130	13130	10095	10095
116	15530	13370	13370	13370	10285	10285
120	15820	13615	13615	13615	10470	10470
123	16095	13855	13855	13855	10660	10660
127	16370	14100	14100	14100	10845	10845
131	16645	14330	14330	14330	11025	11025

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	42.1 in	43.2 in
TIRE WIDTH	11.2 in	11.8 in
PATTERN DEPTH	26/32 in	
MAX. INFLATION PRESSURE	131 psi	

STATIC LOADED RADIUS	19.1 in @ 11000 lb / 131 psi
DYNAMIC ROLLING CIRCUMFERENCE	126.3 in @ 11000 lb / 131 psi
DYNAMIC ROLLING RADIUS	20.1 in @ 11000 lb / 131 psi
TUBE PRODUCT CODE	T52620
FLAP PRODUCT CODE	T299520
TUBE VALVE	TR78
VOLUME	28 gallons 100% 21 gallons 75%

**WATER AND SALT BALLASTING**

(CaCl<sub>2</sub>, 75%, -30°C) Always use a tube when filled with water/salt.

Tire volume 100%		Water filling 75%		Water/salt filling (75% / -30°C)				Total weight increase	
				Water		Salt			
Litres	Gallons	Litres	Gallons	Litres	Gallons	kg	lbs	kg	lbs
105	28	79	21	65	17	33	73	98	216

NOKIAN TYRES PLC is a full member of ETRTO and affiliated member of TRA. In design and production, we certify that products made in Nokian factory (YL) are according the ETRTO and TRA standards.

The tire has been manufactured and tested in accordance with the requirements of ISO 9001 and ISO 14001. Nokian Tyres Plc has the following certificates:

- Quality Management System Standard, ISO 9001, Certificate No: 76363-2010-AQ-FIN-FINAS
- Environmental Management System Standard, ISO 14001, Certificate No: 76361-2010-AE-FIN-FINAS

More information: [www.nokiantyres.com/heavy/technical-tire-manual/](http://www.nokiantyres.com/heavy/technical-tire-manual/)