

9.00-20 16 162A5 NOKIAN TYRES ARMOR GARD 2 MINE TT

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

PRODUCT CODE	T445836
TIRE CLASSIFICATION CODE	E-2
APPLICATION	Drill rigs and other mining machines
LI / SPEED SYMBOL	162A5
PLY RATING	16
	7.0
RIM RECOMMENDED	Nominal dimensions and rim recommendations from ETRTO standard
RIM PERMITTED	7.5



LOAD CAPACITY FOR DRILL RIGS AND OTHER MINING MACHINES, LB

Pressure (psi)	Speed (mph)					
	0	creep	2.5	5	12	15
116	13880	11950	11950	11950	9195	9195
120	14130	12170	12170	12170	9360	9360
123	14375	12380	12380	12380	9525	9525
127	14630	12590	12590	12590	9690	9690
131	14870	12800	12800	12800	9845	9845
134	15115	13005	13005	13005	10010	10010
138	15345	13205	13205	13205	10165	10165
141	15575	13415	13415	13415	10320	10320
145	15820	13615	13615	13615	10470	10470

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	40.9 in	42.5 in
TIRE WIDTH	10.6 in	11 in
PATTERN DEPTH	23/32 in	
PATTERN DEPTH ON TIE BAR	16/32 in	
MAX. INFLATION PRESSURE	145 psi	

STATIC LOADED RADIUS	18.9 in @ 10500 lb / 145 psi
DYNAMIC ROLLING CIRCUMFERENCE	123.4 in @ 10500 lb / 145 psi
DYNAMIC ROLLING RADIUS	19.6 in @ 10500 lb / 145 psi
TUBE PRODUCT CODE	T52520
FLAP PRODUCT CODE	T299520
TUBE VALVE	TR175
VOLUME	22 gallons 100% 17 gallons 75%

WATER AND SALT BALLASTING

(CaCl₂, 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
82	22	62	16	51	13	26	57	77	170

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/