

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, KG

Pressure (kPa)	Speed (km/h)					
	0	1	5	10	20	25
800	6295	5420	5420	5420	4170	4170
825	6410	5520	5520	5520	4245	4245
850	6520	5615	5615	5615	4320	4320
875	6635	5710	5710	5710	4395	4395
900	6745	5805	5805	5805	4465	4465
925	6855	5900	5900	5900	4540	4540
950	6960	5990	5990	5990	4610	4610
975	7065	6085	6085	6085	4680	4680
1000	7175	6175	6175	6175	4750	4750

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1040 mm	1080 mm
TIRE WIDTH	270 mm	280 mm
PATTERN DEPTH	18.5 mm	
PATTERN DEPTH ON TIE BAR	13 mm	
MAX. INFLATION PRESSURE	1000 kPa	

STATIC LOADED RADIUS 479 mm @ 4750 kg / 1000 kPa

DYNAMIC ROLLING CIRCUMFERENCE 3135 mm @ 4750 kg / 1000 kPa

DYNAMIC ROLLING RADIUS 499 mm @ 4750 kg / 1000 kPa

TUBE PRODUCT CODE T52520

FLAP PRODUCT CODE T299520

TUBE VALVE TR175

VOLUME 82 l 100%
62 l 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/