

## 9.00-20 16 160A5 NOKIAN TYRES ARMOR GARD MINE TT

Long service life for material-handling machines and excavators

PRODUCT CODE	T445562
APPLICATION	Drill rigs and other mining machines
LI / SPEED SYMBOL	160A5
PLY RATING	16
RIM RECOMMENDED	7.0
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
400	3975	3425	3425	3425	2635	2635
425	4120	3545	3545	3545	2730	2730
450	4260	3665	3665	3665	2820	2820
475	4395	3785	3785	3785	2910	2910
500	4530	3900	3900	3900	3000	3000
525	4660	4015	4015	4015	3085	3085
550	4790	4125	4125	4125	3170	3170
575	4915	4230	4230	4230	3255	3255
600	5040	4340	4340	4340	3340	3340
625	5160	4445	4445	4445	3420	3420
650	5280	4545	4545	4545	3500	3500
675	5400	4650	4650	4650	3575	3575
700	5515	4750	4750	4750	3655	3655
725	5630	4845	4845	4845	3730	3730
750	5740	4945	4945	4945	3805	3805
775	5855	5040	5040	5040	3875	3875
800	5965	5135	5135	5135	3950	3950
825	6070	5225	5225	5225	4020	4020
850	6180	5320	5320	5320	4090	4090
875	6285	5410	5410	5410	4160	4160
900	6390	5500	5500	5500	4230	4230
925	6490	5590	5590	5590	4300	4300
950	6595	5675	5675	5675	4365	4365
975	6695	5765	5765	5765	4435	4435
1000	6795	5850	5850	5850	4500	4500

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	1038 mm	1070 mm
TIRE WIDTH	278 mm	280 mm
PATTERN DEPTH	20 mm	
MAX. INFLATION PRESSURE	1000 kPa	

STATIC LOADED RADIUS 480 mm @ 4500 kg / 1000 kPa

DYNAMIC ROLLING CIRCUMFERENCE 3123 mm @ 4500 kg / 1000 kPa

DYNAMIC ROLLING RADIUS 497 mm @ 4500 kg / 1000 kPa

TUBE PRODUCT CODE T52520

FLAP PRODUCT CODE T299520

TUBE VALVE TR175

VOLUME 90 l 100%  
68 l 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
90	24	68	18	55	15	28	62	83	183

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.

Tyre have 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/)