



OBAC

Ośrodek Badań, Atestacji i Certyfikacji Sp. z o.o.
44-121 Gliwice, ul. Łabędzka 21

CERTIFICATE

qualifying the product to be marked with the safety marking
No. OBAC/0074/CB/24

**Name and address
of the certificate holder:**

Manuli Hydraulics Manufacturing Sp. z o.o.
ul. Brzezińska 50
41-404 Mysłowice

**Name and address
of the manufacturer:**

JLLC „Manuli Hydraulics Manufacturing Bel”
Lokomotivnaya street 2
21139 Orsha
Vitebsk Region, Republic of Belarus

Name of product:

High-pressure hydraulic hoses

Type (versions):

ROCKMASTER/2ST DN6, DN8, DN10, DN12, DN16, DN19

Technical parameters::

Size			Working pressure [MPa]
DN	Dash	Inch	
6	-4	1/4	40,0
8	-5	5/16	35,0
10	-6	3/8	35,0
12	-8	1/2	35,0
16	-10	5/8	25,0
19	-12	3/4	21,5

Compliance with the Safety Requirements has been assured by conformity with:

- Product assessment procedure **PB-OBAC/07**. Hydraulic and pneumatic drive and control systems, taking into account, including but not limited to, the provisions of the Act dated 9 June 2011 “Geological and mining law” (consolidated text: Journal of Laws of the Republic of Poland of 2023 item 633) and the requirements established in the implementing regulations published to this Act and in particular the Regulation of the Minister of Energy dated 23 November 2016 on the detailed requirements related to maintaining operations in the underground mining facilities (Journal of Laws of the Republic of Poland 2017 item 1118).
- **PN-G-32010:2012**

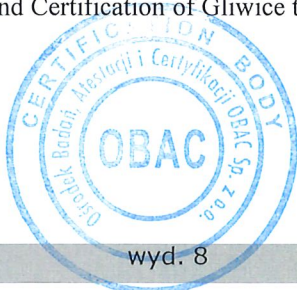
Confidential Product Assessment Report: OBAC/0074/RM/24

According to test report:

- Number LL/038/2024/A of 05.04.2024.

According to the documentation: listed on page 2/2

This certificate is valid from 15.04.2024 until 14.04.2027 and relates only to the product item(s) having properties (parameters) identical to those of the model(s) assessed, and meeting the above stated requirements. By granting this Certificate the “OBAC” Institute for Research and Certification of Gliwice takes no responsibility for any breach of exclusive and matter-related rights.



Head of Certification Body

Piotr Tarnawski M. Com.

Gliwice, 15 April 2024.



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1. Documentation:

1.1. Catalogue sheet of ROCKMASTER/2ST hydraulic hoses, developed by MANULI HYDRAULICS.

2. Conditions for using the product:

- 2.1. In case of change to the design or rubber-mix composition of the assessed hoses, verification testing shall be carried out in order to check static strength, pulsating pressure resistance, abrasion resistance of the affected hoses, together with the examination of the rubber mix within its flammability, electrostatic properties and products of thermal decomposition.
- 2.2. The ROCKMASTER/2ST high-pressure hydraulic hoses shall be used according to the technical parameters specified in its Certificate.

