

DECLARATION OF PERFORMANCE

Nr 1438-CPR-0062-63/2020

1. Unique identification code of the product-type:

Hose reels with semi-rigid hose DN 19

| | |
|----------------|----------------|
| HW-19N-20 | HW-19W-20 |
| HW-19N-25 | HW-19W-25 |
| HW-19N-30 | HW-19W-30 |
| HW-19N-K-20 | HW-19N-K-20 |
| HW-19N-K-25 | HW-19W-K-25 |
| HW-19N-K-30 | HW-19W-K-30 |
| HW-19N-KP-20 | HW-19W-KP-20 |
| HW-19N-KP-25 | HW-19W-KP-25 |
| HW-19N-KP-30 | HW-19W-KP-30 |
| HW-19N-S-20 | HW-19W-S-20 |
| HW-19N-S-25 | HW-19W-S-25 |
| HW-19N-S-30 | HW-19W-S-30 |
| HW-19N-SK-20 | HW-19W-SK-20 |
| HW-19N-SK-25 | HW-19W-SK-25 |
| HW-19N-SK-30 | HW-19W-SK-30 |
| HW-19N-ZWNR-20 | HW-19W-ZWNR-20 |
| HW-19N-ZWNR-25 | HW-19W-ZWNR-25 |
| HW-19N-ZWNR-30 | HW-19W-ZWNR-30 |
| HW-19N-ZWNS-20 | HW-19W-ZWNS-20 |
| HW-19N-ZWNS-25 | HW-19W-ZWNS-25 |
| HW-19N-ZWNS-30 | HW-19W-ZWNS-30 |

2. Type, batch or serial number or any other element allowing identification of the construction product:

Batch number marked on the product and carton box

3. The intended use provided by the manufacturer:

Fire safety

4. Name, registered trade name or registered trade mark and contact address of the manufacturer:

Prywatne Przedsiębiorstwo Produkcyjno Handlowe GRAS
Korzybie, ul. Sławińska 12
77-230 Kępice

5. System assessment and verification of constancy of performance:

System 1

6. Name and number of the notified body:

Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej im. Józefa Tuliszkowskiego
Państwowy Instytut Badawczy, notification no 1438. Accreditation PCA No AC 063
performed product certification in accordance with the requirements of EN 671-1:2012
in system 1 and issued
CERTIFICATE OF CONSTANCY OF PERFORMANCE 1438-CPR-0062
CERTIFICATE OF CONSTANCY OF PERFORMANCE 1438-CPR-0063



7. Declared performance:

| Lp. | Essential characteristics | Performance | Requirement clauses in this European Standard EN 671-1:2012 |
|---|--|------------------------|---|
| Distribution of extinguishing media with | | | |
| 1 | Hose bore | Pass | 4.2.1 |
| 2 | Minimum flow rate | 31 l/min at 0,2 MPa D7 | 4.2.2 |
| 3 | Effective throw range | Pass | 4.2.3 |
| 4 | Spray discharge | Pass | 4.2.4 |
| Operational reliability with | | | |
| 5 | Reel - Construction | Pass | 4.3.3 |
| 6 | Reel - Rotating | Pass | 4.3.4 |
| 7 | Reel - Swinging | Pass | 4.3.5 |
| 8 | Reel - Resistance to impact | Pass | 4.3.6 |
| 9 | Reel - Resistance to load | Pass | 4.3.6 |
| 10 | Hose - General | Pass | 4.3.1 |
| 11 | Shut-off nozzle - General | Pass | 4.3.2 |
| 12 | Shut-off nozzle - Resistance to impact | Pass | 4.3.7 |
| 13 | Shut-off nozzle - Operating torque | Pass | 4.3.8 |
| 14 | Inlet stop valve - General | Pass | 4.3.9 |
| 15 | Inlet stop valve - Manual inlet stop valve | Pass | 4.3.10 |
| 16 | Inlet stop valve - Automatic inlet stop valve | Not applicable | 4.3.11 |
| 17 | Hydraulic properties - Resistance to internal pressure | 1,2 MPa | 4.3.12 |
| 18 | Hydraulic properties - Strengh | Pass | 4.3.13 |
| Ability to pull out the hose with | | | |
| 19 | Reel - Unwinding load | Pass | 4.4.1 |
| 20 | Reel - Dynamic breaking | Pass | 4.4.2 |
| 21 | Hose - Maximum length | Pass | 4.4.3 |
| Durability of operational reliability with | | | |
| 22 | Resistance to corrosion of coated parts | Pass | 4.8.1 |
| 23 | Resistance to corrosion of waterways | Pass | 4.8.2 |
| 24 | Ageing tests for plastics materials | Pass | 4.8.3 |

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

Optional versions:

- Heated and insulated cabinet
- Hole in the door for manual fire alarm box
- Sound door opening sensor
- Stop valve opening sensor
- Increased corrosion resistance class (C3,C5)
- Additional sealing by gasket
- Cabinet made of stainless steel
- Door made of safety glass /hardened glass
- Decorated cabinet (Prestig, Future)

This declaration of performance is issued under responsibility of the manufacturer identified in point 4.

Korzybie, 15.11.2022

(place and date of issue)

Kierownik Kontroli Jakości
Pełnomocnik Właściciela ds. Systemu Zarządzania Jakością
Jerzy Wróblewski

(name and signature of authorized person)