



Prywatne Przedsiębiorstwo  
Produkcyjno-Handlowe **GRAS**  
Korzybie, ul. Sławieńska 12  
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## **DECLARATION OF PERFORMANCE**

**Nr 1438-CPR-0686/2020**

### **1. Unique identification code of the product-type:**

Hose reels with semi-rigid hose DN 19

HWA-19-20	HWA-19-S-20
HWA-19-25	HWA-19-SK-20
HWA-19-30	HWA-19-SK-25
HWA-19-K-20	HWA-19-SK-30
HWA-19-K-25	HWA-19-ZWNS-20
HWA-19-K-30	HWA-19-ZWNS-25
HWA-19-KP-20	HWA-19-ZWNS-30
HWA-19-KP-25	HWA-19-ZWWR-20
HWA-19-KP-30	HWA-19-ZWWR-25
HWA-19-S-25	HWA-19-ZWWR-30
HWA-19-S-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. Sławieńska 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-0686



## 7. Declared performance:

Lp.	Essential characteristics	Performance	Requirement clauses in this European Standard EN 671-1:2012
<b>Distribution of extinguishing media with</b>			
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
<b>Operational reliability with</b>			
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	Pass	4.3.11
17	Hydraulic properties - Resistance to internal pressure	1,2 MPa	4.3.12
18	Hydraulic properties - Strengh	Pass	4.3.13
<b>Ability to pull out the hose with</b>			
19	Reel - Unwinding load	Pass	4.4.1
20	Reel - Dynamic breaking	Pass	4.4.2
21	Hose - Maximum length	Pass	4.4.3
<b>Durability of operational reliability with</b>			
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)