

KOMO®
Product certificate
K86078/04



Issued	2021-08-15	Replaces	K86078/03
Valid until	Indefinite	Dated	2019-09-15
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Vulcanized rubber products for cold and hot non-drinking water applications
Secil Kaucuk San.ve Tic.A.S.

STATEMENT BY KIWA

This product certificate is issued on the basis of BRL 2013 "Vulcanized rubber products for cold and hot non-drinking water applications" dated 12 October 2016 including the alteration sheet dated 10 October 2018, conform the Kiwa-Regulations for Certification.

The quality system and product characteristics in association with vulcanized rubber products for cold and hot non-drinking water applications are assessed periodically.

On this basis Kiwa declares that a justified confidence exists, that the vulcanized rubber products for cold and hot non-drinking water applications delivered by the certificate holder at delivery fulfil:

- the technical specification laid down in this product certificate,
- the product requirements as laid down in this product certificate and in the BRL provided that vulcanized rubber products for cold and hot non-drinking water applications have been marked with the KOMO®-mark in a manner as indicated in this product certificate

Ron Scheepers
 Kiwa

This product certificate is also included on the KOMO foundation websites: www.komo.nl and www.komo-online.nl. Users of this product certificate is advised to check whether it is still valid. For this purpose consult the website of Kiwa: www.kiwa.nl.

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Assessed is:

- Quality system
- Product

Periodic control

CERTIFICATE

4732/00612

Vulcanized rubber products for cold and hot non-drinking water applications




TECHNICAL SPECIFICATION

Vulcanized rubber products for cold and hot non-drinking water applications

Product characteristics

The products as specified in the table below fulfil the requirements of BRL-2013 for the mentioned class(es).

Specifications

Rubber Compound:		EPDM50 C85			
Hardness:	48 IRHD	Field of application ² :	I – WC		Remarks:
Ozone Class ¹ :	I	Production method:	Extrusion		
	Seal type	Pipelife sealing ring for manhole		Seal type	Reka Typ2
	Nominal Dimensions	600, 800 and 1000 mm		Nominal Dimensions	600 – 2500 mm
	Height	32,7 mm		Height	22,0 mm
	Width	42,5 mm		Width	30,0 mm
	Seal type	Reka Typ6			
	Nominal Dimensions	2600 – 4000 mm			
	Height	37,5 mm			
	Width	40,0 mm			

- 1 Ozone resistance class according to BRL-2013:
- I For products with a high risk of attack by ozone, for instance in case of separately supplied products without sufficient packaging or in case of connections with preinstalled rubbers under strain;
 - II For products for which a normal resistance to ozone is required;
 - III For rubbers which are never (partly) exposed to the open air when they are in tension. Transport shall always take place in sealed packages.
- 2 Field of application class according to BRL 2013 class:
- I Cold water supply at temperatures continuously up to 45 °C and intermittently up to 95 °C;
 - II Hot water supply at temperatures intermittently up to 110 °C, or water supply up to 110 °C in serviceable piping systems;
 - III Hot water circulation systems based on the classification class 2 in ISO 10508;
 - IV District heating, secondary systems with hot water circulation between 75 °C and 95 °C.
- Field of application class according to EN 681-1:
- WC As in BRL-2013 class I;
 - WD As in BRL-2013 class II;
 - WF As in BRL-2013 class II, for IIR-copolymer;
 - WG As in BRL-2013 class I, oil resistance.

Details of the products are included in the drawing list, which forms a part of the IQC schedule. Kiwa authenticates this list. A copy of this list can be obtained from the producer.

Vulcanized rubber products for cold and hot non-drinking water applications

Marking

The following marks and indications must be provided on each product[#] and product packaging in a clear, legible and indelible way:

- the name of manufacturer or the deposited trade mark;
- KOMO (or KOMO® word mark) with certificate number;
- the nominal dimension or dimensions;
- the nominal hardness;
- the year of manufacturing and preferably the quarter;
- type of rubber applied by means of the letter codes of the nomenclature according to ISO 1629;
- the application class (I, II, III or IV);
- on products from blends, the letter B ("blend") shall be placed behind the first letter code;
- the ozone resistance class ("Ozone I, II or III"). For rubber rings made from two compounds the compound with the lowest class is valid.

[#] If the dimensions of the products are such that the indications applied to them may impair the product, the products may be marked per package in consultation with the manufacturer, the buyer and Kiwa. Products produced by cutting or die cutting out of sheets may be marked per package.

BRL number and certificate number; optional

RECOMMENDATION FOR THE CUSTOMER

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

if you should reject a delivery on the basis of the above, please contact:

- Secil Kaucuk San.ve Tic.A.S.

and, if necessary:

- Kiwa Nederland B.V.

For the proper storage, transport and processing consult the instructions of the certificate holder.

The statements in this product certificate may not be used to replace the CE marking and/or the corresponding mandatory Declaration of Performance.

