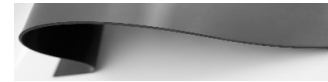


DRINKING WATER CONTACT MATERIALS



Blue Aqua Star™ E 633



General:

EPDM, black
Sulphur crosslinked
good weather and ozone resistant

- * certified according KTW-BWGL for gaskets and equipment (P2) with cold and warm water (up to 60°C)
- * meets the requirements of EN 681-1
- * certified according EN16421 for small flat gaskets
- * certified according ACS cold water
- * certified according WRAS cold water

* Reach compliant according to EC 1907/2006, Annex XVII No. 50
*PAH AfPS GS 2019:01 – meets GS cat.3b "other consumer products" in full content

Working temperature range

Medium	dyn.(stat.)	max.	short-term
air	(-30)°C	+90°C	+110°C

Compression set DIN ISO 815

Duration	Temperature	CS
72h	+23°C	15%
24h	+70°C	20%

Ozone resistance ISO 1431-1

Duration	Ozone	Temperature	Crack Level
48h	200 pphm	40°C	0 (=no cracks)

Ageing ISO 188

Conditions	Hardness	Strength	Elongation
168h / 70°C	5 Shore A	10%	-15%

Rotacured sheeting	Thickness mm	Width mm	Length mm
401133200	2,00	1.400	20.000
401133300	3,00	1.400	10.000
401133400	4,00	1.400	10.000
401133500	5,00	1.400	10.000
401133600	6,00	1.400	10.000
401133800	8,00	1.400	5.000
401133000	10,00	1.400	5.000

PAH disclaimer:

Referring to an [international proficiency test](#) and information received from the testing laboratories about accuracy of test results we may inform you, that test results for the same specimen from different laboratories may not correlate:

* Results of the 10 PAH with individual limits of < 1 mg/kg in the measurement range around the limit are only accurate to approx. ± 70%.

* Results of the overall limit of < 50 mg/kg are only accurate to approx. ± 35%

Our test results are provided on an as-is basis and to the best of our knowledge, without any legally binding commitment. Our tests do not release you from own tests as to the respective application envisaged.

*SVHC < 0,1%. Note: for consumer articles with skin contact further restrictions apply according to REACH.

Properties:

Hardness [Shore A]:	ISO 48-4	70±5
Density [g/cm³]:	ISO 1183-1	~1,11
Tensile Strength [N/mm²]:	ISO 37 type 2	11
Elongation at Break [%]:	ISO 37 type 2	300

correspond to WDK-guideline 2201 : 2020-10 "Quality characteristics of Elastomer sheets- and plates"

Wrapping: stretched foil, labelled
standard finishing in separation foil

Stabilities:

Ozone resistance:	good resistant
Weather resistance:	good resistant
Oil resistance:	non resistant
Fuel resistance:	non resistant
Acid resistance:	resistant
Strong bases:	resistant
Abrasion resistance:	moderately resistant

Please note:

This data sheet has been carefully prepared in order to provide our customers with the best possible advice. The information, figures, calculations, test values and data given correspond to the current state of the art and represent the average result of a sufficient number of tests and trials. The individual application conditions influence the use of each individual product, so that the information in this data sheet may only be regarded as rough guidelines. In any case, it is the customer's responsibility to check his operating conditions, in particular whether the specified quality criteria of our products are sufficient for the intended use. In case of doubt (e.g. chemical resistance), please contact our qualified specialists. The use of our products is the sole responsibility of the user. We have no influence on the application and the individual purpose of use. Of course, we guarantee the flawless quality of our products in accordance with the General Terms and Conditions of Sale, which are available on request or can be downloaded from our website. ©Copyright 2020 Semperit Technische Produkte GmbH

Subject to alteration without prior notice: In order to always have the latest product- and safety information make sure you visit our website (www.semperitgroup.com) regularly or contact specialist dealers or a Semperit application engineer. Additional important general information about the range, storage and tolerances can also be found at our website (www.semperitgroup.com) and must be followed without exception.

certified according to ISO 9001:2015, ISO 45001:2018, ISO 14001:2015

Date: 2025-02-24 SEMPERIT Elastomer Sheeting DP-TWEPDME633-en-v3