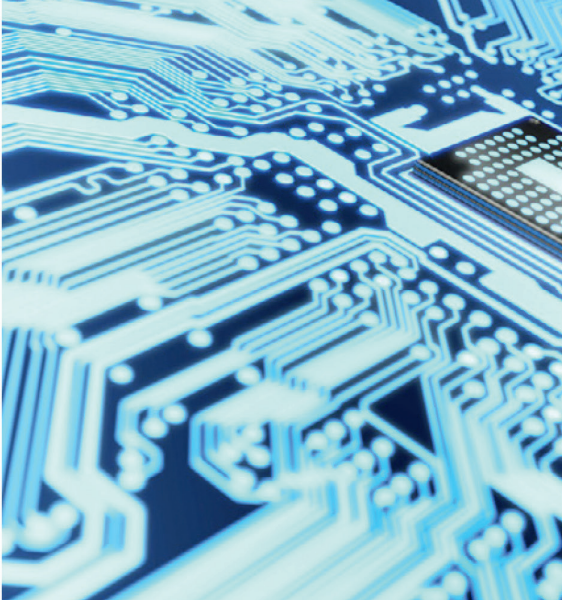




AICELLO

**AICELLO
HARKE**

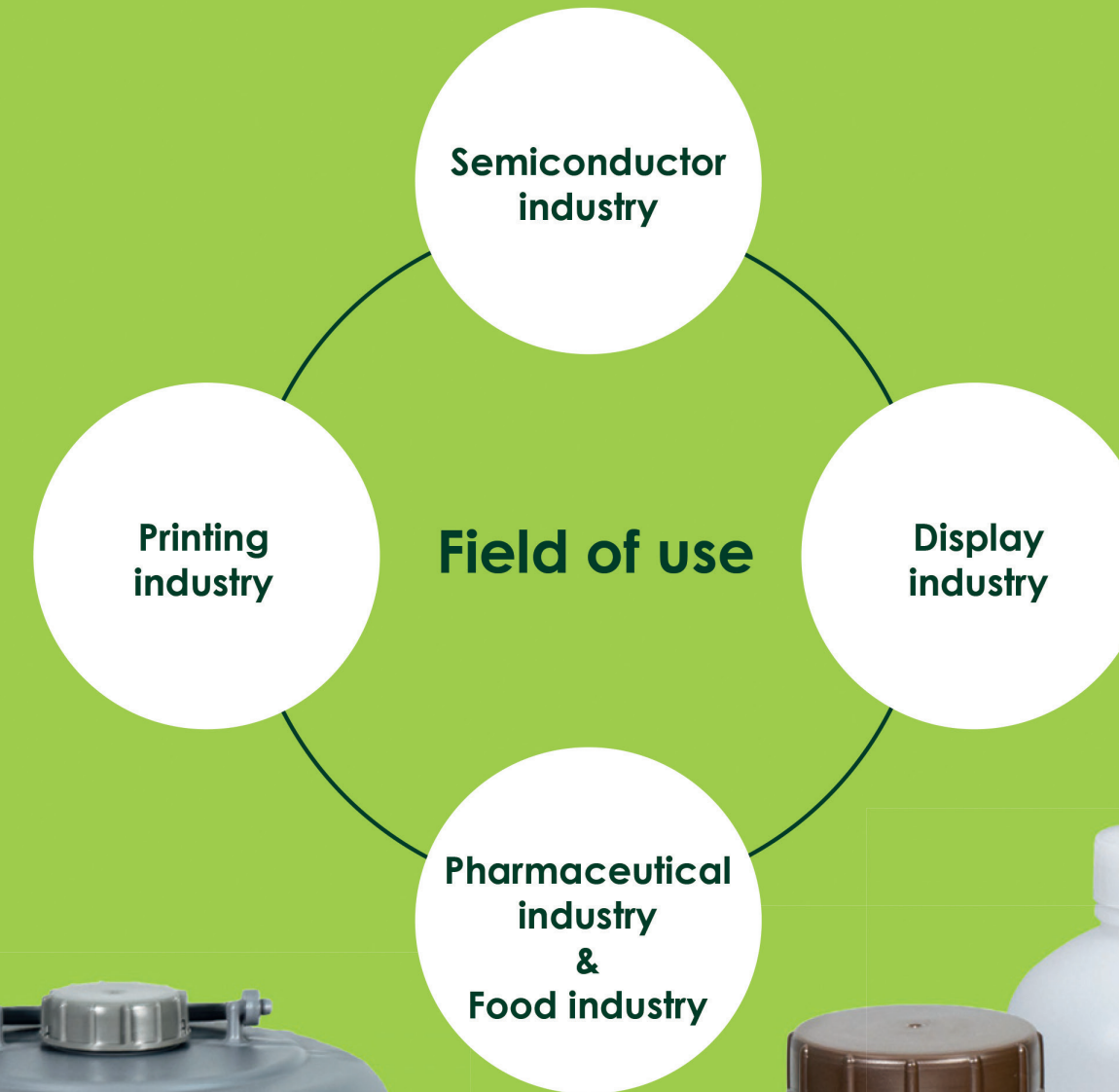
CLEAN BOTTLE CATALOG



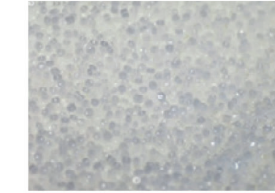
Semiconductor
Climate Consortium
Founding Member



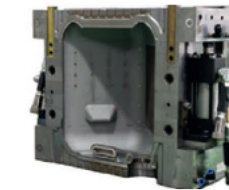
AICELLO meets the requirements from various industries with our advanced clean technology.



AICELLO advanced clean technology



We are using AICELLO custom designed resins.



The blow mold die, which affects the performance of clean bottles, is designed and manufactured by one of our group companies.

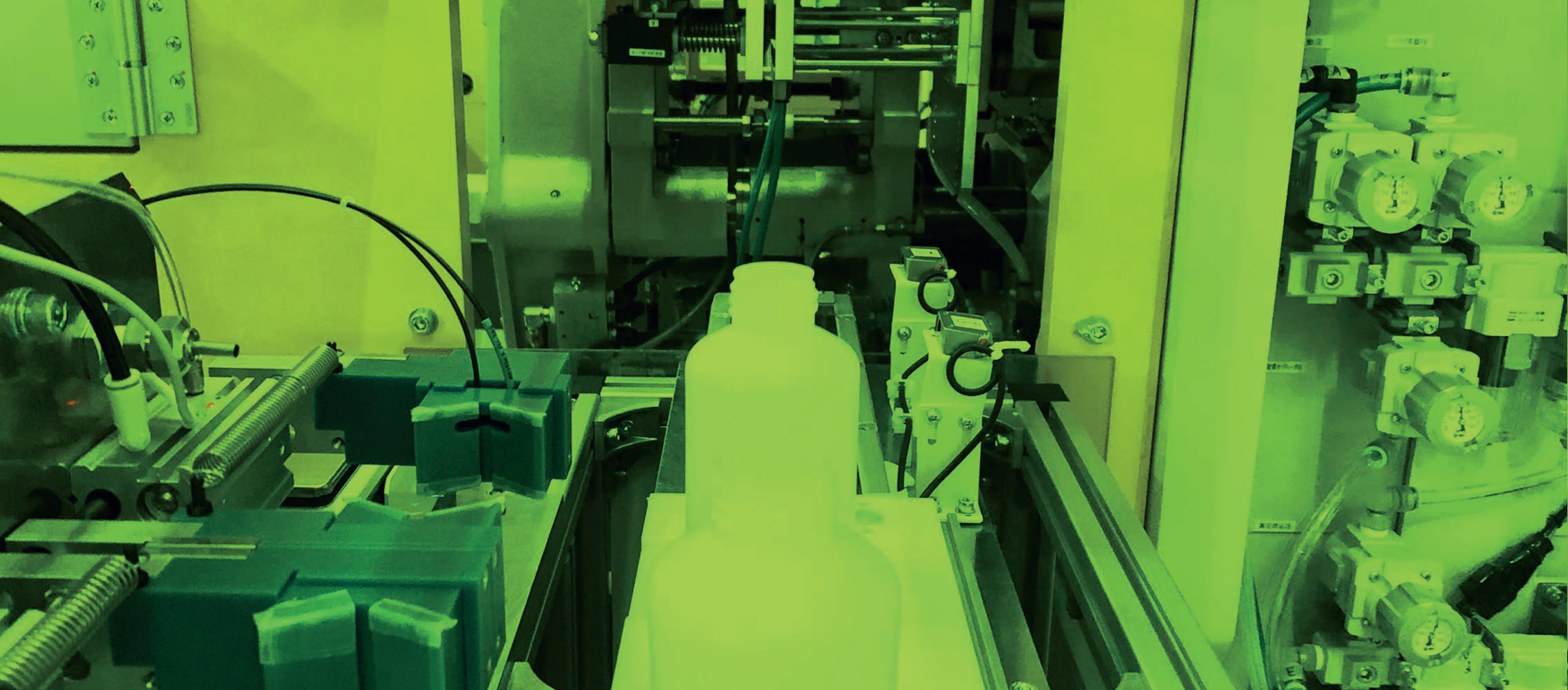


The technique accumulated over the years and our state of the art technology allows us to produce the clean bottles with stable quality.



We have been protecting our customers' high purity chemicals for over 30 years with in house particle and metallic ion inspection.

AICELLO's Unique Capabilities



Our high standard quality control parameters achieve our clean bottle with guaranteed stable quality.



Clean quality control

The quality of your contents are ensured by measuring the particle counts for each lot.

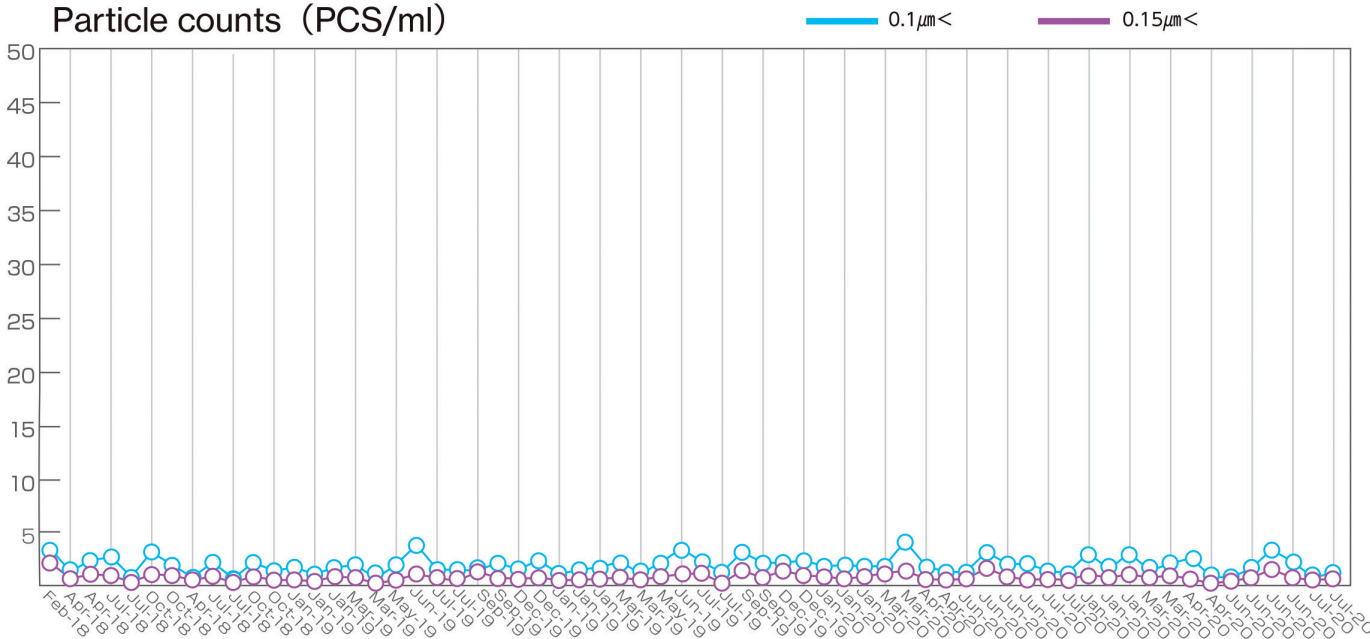
Measuring Method: AICELLO method (with Ultrapure water)
CLEANBARRIER™ BOTTLE SGL (G) PR
(2018 / 2019 / 2020)

Metal Ion Data

The metal ion trace test is conducted in AICELLO to meet the requirements, that become more severe year by year, from our customers. Some products with specified values are available.

Measuring Method: AICELLO method (with Ultrapure water)
CLEANBARRIER™ BOTTLE SGL (G) PR

AICELLO's Unique Capabilities



Ion transfer (ppt)

Li	Na	Mg	Al	K	Ca	Ti	V	Cr	Mn	Fe	Co
0.1	0.1	0.0	0.0	1.2	4.6	0.0	0.2	0.1	0.0	0.4	0.0
0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.2	0.5	0.1	0.0	0.0
0.0	0.3	0.0	0.0	0.3	5.1	0.0	0.1	0.0	0.0	0.8	0.0
0.0	0.0	0.0	0.0	0.1	2.1	0.0	0.0	0.0	0.0	3.1	0.0
0.0	0.0	0.0	0.0	0.3	4.4	0.0	0.1	0.0	0.0	2.1	0.0
Ni	Cu	Zn	As	Ag	Cd	Sn	Ba	W	Au	Pb	
0.5	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.1	1.2	
0.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	

Data are representative values and not guaranteed values.

CLEAN BOTTLE LINE UP

CLEAN BOTTLE LINE UP PRODUCT LIST



CLEANBARRIER™ Bottles

Characteristic of CLEANBARRIER™ BOTTLE

CLEANBARRIER™ BOTTLE prevents the migration of organic solvents through the bottle and also has UV light blocking properties. It is also utilized in the most advanced grade of chemicals such as photoresist.

1 L



CLEANBARRIER™ BOTTLE QT

size : WD Φ 92.1/H233.5/d Φ 26
color : ●

1 L



1L CLEANBARRIER™ BOTTLE UVN SD

size : WD Φ 91.5/H216/d Φ 28
color : ~~UV~~

3.8 L



CLEANBARRIER™ PSI

size : WD Φ 168/H312.6/d Φ 27.8
color : ●

3.8 L



CLEANBARRIER™ BOTTLE SGL

size : WD Φ 168/H312.6/d Φ 27.8
color : ● ●

WD:Wide • Diameter / L:Length / H:Height / d:Inner Diameter of mouth

100ml



100ml CLEANBARRIER™ BOTTLE

size : WD Φ 48/H95/d Φ 24.15
color : ●

250ml



250ml CLEANBARRIER™ BOTTLE

size : WD Φ 63/H123/d Φ 24.15
color : ●

1 L



CB BOTTLE 1L TYPE A ROUND (C)

size : WD Φ 91.5/H217/d Φ 22.5
color : ●

100ml



AC-100

size : WDΦ48/H95/dΦ24.15
color : ○●

250ml



AC-250

size : WDΦ63/H123/dΦ24.15
color : ○●

500ml



AC-500 WIDE MOUTH ROUND

size : WDΦ80/H153/dΦ44.3
color : ○●

1 L



1L ROUND UN SD

size : WDΦ91.5/H215/dΦ28
color : ●
UN : 1H1/Y1.4/200/YR/J/HK/AICELLO

1 L



1L TYPE A ROUND

size : WDΦ91.5/H217/dΦ22.5
color : ○●

1 L



1L WIDE MOUTH ROUND LS

size : WDΦ99.5/H189/dΦ44.2
color : ●

2 L



2L CLEAN WM

size : WDΦ125/H244/dΦ85
color : ●

WD:Wide • Diameter / L:Length / H:Height / d:Inner Diameter of mouth

Under 2L

5L-10L

3.8 L



NEW GALLON

size : WDΦ168/H305/dΦ30
color : ●○

5 L



5L F TW

size : WDΦ150/L205/H275/dΦ38
color : ○

5 L



5L SMOOTH FLOW BOTTLE

size : WD128/L250/H285/dΦ43.7
color : ○

10 L



10L SMOOTH FLOW BOTTLE

size : WD173/L265/H332/dΦ43.7
color : ○

10 L



10L CLEAN ROUND WITH HANDLE

size : WDΦ215/H380/dΦ48
color : ●○

10 L



10L FLAT

size : WD170/L270/H290/dΦ50.3
color : ○

10 L



10L SQUARE

size : WD230/L230/H280/dΦ50.3
color : ●○
UN : 3H1/Y1.9/200/YR/J/HK/AICELLO

10 L



10L WIDE MOUTH BOTTLE WITH HANDLE

size : WDΦ215.4/H376.4/dΦ95
color : ○

WD:Wide • Diameter / L:Length / H:Height / d:Inner Diameter of mouth

20 L



20L SQUARE

size : WD265/L265/H400/dΦ50.3
color : ● ○
UN : 3H1/Y1.9/200/YR/J/HK/AICELLO

20 L



20L FLAT

size : WD180/L350/H410/dΦ48
color : ● ○
UN : 3H1/Y1.3/200/YR/J/HK/AICELLO

20 L



20L SMOOTH FLOW BOTTLE

size : WD206/L353/H431/dΦ50.3
color : ○

20 L



20L LR

size : WDΦ300/H414/dΦ48.3
color : ●
UN : 1H1/Y/200/YR/J/HK/AICELLO

40 L



40L LR

size : WDΦ322/H710/dΦ48
color : ●
UN : 1H1/Y/200/YR/ROK/AM

20L or 40L

Product size

Less than 2L

Product name	Size	Dimension
AC-100	100ml	WDΦ48/H95/dΦ24.15
AC-250	250ml	WDΦ63/H123/dΦ24.15
AC-500 WIDE MOUTH ROUND	500ml	WDΦ80/H153/dΦ44.3
1 L ROUND UN SD	1L	WDΦ91.5/H215/dΦ28
1 L TYPE A ROUND	1L	WDΦ91.5/H217/dΦ22.5
1 L WIDE MOUTH ROUND LS	1L	WDΦ99.5/H189/dΦ44.2
2L CLEAN WM	2L	WDΦ125/H244/dΦ85

5L-10L

NEW GALLON	3.8L	WDΦ168/H305/dΦ30
5L F TW	5L	WD150/L205/H275/dΦ38
5L SMOOTH FLOW BOTTLE	5L	WD128/L250/H285/dΦ43.7
10L SMOOTH FLOW BOTTLE	10L	WD173/L265/H332/dΦ43.7
10L CLEAN ROUND WITH HANDLE	10L	WDΦ215/H380/dΦ48
10L FLAT	10L	WD170/L270/H290/dΦ50.3
10L SQUARE	10L	WD230/L230/H280/dΦ50.3
10L WIDE MOUTH BOTTLE WITH HANDLE	10L	WDΦ215.4/H376.4/dΦ95

BARRIER BOTTLE

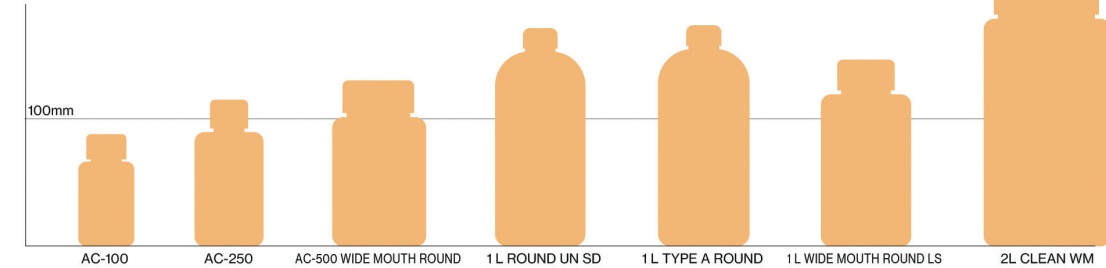
100ml CLEANBARRIER™ BOTTLE	100ml	WDΦ48/H95/dΦ24.15
250ml CLEANBARRIER™ BOTTLE	250ml	WDΦ63/H123/dΦ24.15
CB BOTTLE 1L TYPE A ROUND (C)	1L	WDΦ91.5/H217/dΦ22.5
CLEANBARRIER™ BOTTLE QT	1L	WDΦ92.1/H233.5/dΦ26
1 L CLEANBARRIER™ BOTTLE UVN SD	1L	WDΦ91.5/H216/dΦ28
CLEANBARRIER™ PSI	3.8L	WDΦ168/H312.6/dΦ27.8
CLEANBARRIER™ BOTTLE SGL	3.8L	WDΦ168/H312.6/dΦ27.8

More than 20 L

※ LRseries

20L LR ※	20L	WDΦ300/H414/dΦ48.3
40L LR ※	20L	WDΦ322/H710/dΦ48

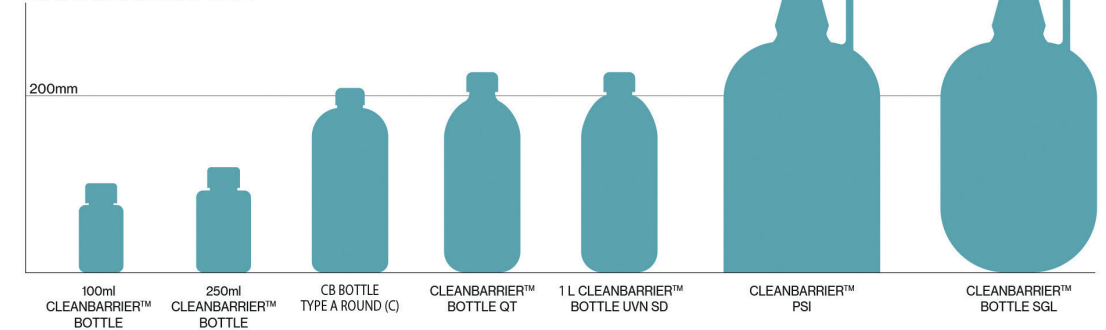
Less than 2L



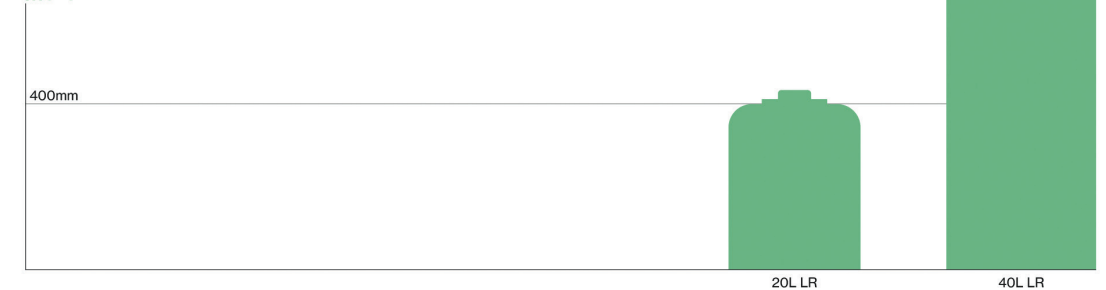
5L-10L



BARRIER BOTTLE



More than 20L LR series



WD:wide • Diameter / L:Length / H:Height / d:Inner Diameter of mouth



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AICELLO HP CLEAN BOTTLE

<https://www.aicello.com/product-site/cleancontainers/>



All data are test results and not guaranteed values.