



**International
Standard**

ISO 20480-1

**Fine bubble technology —
General principles for usage and
measurement of fine bubbles —**

**Part 1:
Terminology**

AMENDMENT 1

*Technologie des fines bulles — Principes généraux pour
l'utilisation et la mesure des fines bulles —*

Partie 1: Terminologie

AMENDEMENT 1

**First edition
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**AMENDMENT 1
2024-02**



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This document was prepared by Technical Committee ISO/TC 281, *Fine bubble technology*.

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Part 1: Terminology

AMENDMENT 1

Clause 3

Replace entry 3.2 with the following:

3.2

fine bubble

FB

bubble with a volume equivalent diameter of less than 100 μm

Replace entry 3.3 with the following:

3.3

ultrafine bubble

UFB

fine bubble with a volume equivalent diameter of less than 1 μm

Replace entry 3.4 with the following:

3.4

microbubble

MB

fine bubble with a volume equivalent diameter in the range from equal or greater than 1 μm to less than 100 μm

Replace entry 3.13 with the following:

3.13

coalescence

action by which bubbles unite to form larger bubbles

Insert after 3.19, 3.20 as follows:

3.20

microbubble generating system

system for creating microbubbles in a liquid medium

3.20

Renumber it as 3.21 and rewrite the entry as follows:

3.21

number concentration index

quantity representing the number-based concentration of objects in a fine bubble dispersion measured by an industrially available and agreed method

3.22

Add the following entry as 3.22

3.22

volume concentration index

quantity representing the volume-based concentration of objects in a fine bubble dispersion measured by an industrially available and agreed method

3.21

Renumber it as 3.23

Add the following as 3.24:

3.24

bubble collapse

action by which bubble is suddenly broken into smaller constituents