



## Product Specifications sheet

# VWR FLAT BOTTOM FLASKS, NARROW AND WIDE MOUTH

VWR International certifies that the specified products meet all VWR specifications and quality criteria for release. The products comply in every respect with the relevant particular specifications, drawings, relevant standards and regulations in force.

*VWR International certifie que les produits mentionnés respectent toutes les spécifications et critères de qualité VWR. Les produits satisfont aux spécifications particulières, aux plans, aux normes et règlements en vigueur s'y rapportant.*

VWR International bestätigt hiermit, daß die angegebenen Produkte alle VWR Spezifikationen und Qualitätskriterien zur Freigabe erfüllen. Die Produkte entsprechen in jeder Hinsicht den maßgeblichen Spezifikationen, den Zeichnungen sowie den relevanten Normen und gültigen Vorschriften.

### Flat bottom flasks, narrow mouth:

### Flat bottom flasks, wide mouth:

| VWR Cat. N° | Neck Ø (mm) | Capacity (ml) | VWR Cat. N° | Neck Ø (mm) | Capacity (ml) |
|-------------|-------------|---------------|-------------|-------------|---------------|
| 214-1187    | 26          | 100           | 214-1192    | 34          | 100           |
| 214-1188    | 34          | 250           | 214-1193    | 50          | 250           |
| 214-1189    | 34          | 500           | 214-1194    | 50          | 500           |
| 214-1190    | 42          | 1.000         | 214-1195    | 50          | 1.000         |
| 214-1191    | 50          | 2.000         | 214-1196    | 76          | 2.000         |

**Intended uses:** Laboratory applications

**Material:** Borosilicate 3.3 glass

**Shape:** Flat bottom, with narrow or wide mouth, with rim

**Compliant to:** ISO 3585 Borosilicate glass 3.3 - properties  
USP ( United States Pharmacopoeia ) 23, section 661: Type 1  
ASTM E 428-29 ( 1996 ): Type 1, class A  
European Pharmacopoeia Paragraph 3.2.1

The compliance of demands is proved by regular tests and followed noticed tests from an independent laboratory:

- Test acc. to USP 23 ( 661 ) Containers; Section Physical Tests of Containers and EP 3.2.1
- Powered glass test and water attack at 121°C
- Test for arsenic ( 211 ): Photometrical detection
- Test acc. to ASTM E 438-92 ( 1996 ); Glasses



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**Chemical Properties:** Tested acc. to USP 23 ( 661 ) Containers; Section Physical Tests of Containers and EP 3.2.1  
Hydrolytic resistance at 98°C ISO 719-HGB 1  
Hydrolytic resistance at 121°C ISO720-HGA 1  
Acid resistance acc. to ISO 1776  
Resistance to attack by a boiling aqueous solution of mixed alkali acc. to ISO 695-A2

**Disclaimer:** VWR wants to state that these specifications can only be regarded as general information and will not discharge the user from his obligation to ensure the product is suitable for the intended use - If there's any doubt ask us.