



# Viscosity Cup Zahn Immersion

VF2226, VF2227, VF2228, VF2229, VF2230

The Sheen Viscosity Cup ASTM D1084 D4212 Immersion Zahn is a range of stainless steel (SS303) viscosity cups with fixed stainless steel inner cavity nozzle and handle. Ideal for measuring coatings and other fluids during application or production.

The process of flow through an orifice can often be used as a relative measurement and classification of viscosity. This measured kinematic viscosity is generally expressed in seconds of flow time which can be converted into Centistokes using a viscosity disc calculator. Immersion cups can be used to provide a quick viscosity measurement on the shop floor or on site.

#### Business:

- Laboratory, manufacture

#### Standards:

- Complies with: ASTM D 1084, D 4212. Look up the appropriate standard for a correct execution of the test

#### Features:

- Each cup has a long handle to allow the cup to be immersed by hand into a liquid container, which makes it easy to quickly check and adjust the viscosity of many different type of liquids
- The design of the cup and orifice eliminate hard to clean recesses
- Sheen viscosity cups are made under the continuing quality control procedures
- Each cup is engraved with a unique serial number

#### Scope of Supply:

- Each viscosity cup comes with a hard plastic storage case, with protective soft material on the inside

#### Accessories:

- **CL0030 – Calibration Certificate (if applicable)**
- **DI0076 – Digital stopwatch**
- **VF2053 – Viscosity Conversion Disc**

#### Ordering Information:

Article Number	Article Description
VF2226	Sheen Viscosity Cup ASTM D1084 D4212 Immersion Zahn Type: ZC, made of stainless steel, with fixed stainless steel nozzle, orifice No. 1
VF2227	Sheen Viscosity Cup ASTM D1084 D4212 Immersion Zahn Type: ZC, made of stainless steel, with fixed stainless steel nozzle, orifice No. 2
VF2228	Sheen Viscosity Cup ASTM D1084 D4212 Immersion Zahn Type: ZC, made of stainless steel, with fixed stainless steel nozzle, orifice No. 3
VF2229	Sheen Viscosity Cup ASTM D1084 D4212 Immersion Zahn Type: ZC, made of stainless steel, with fixed stainless steel nozzle, orifice No. 4
VF2230	Sheen Viscosity Cup ASTM D1084 D4212 Immersion Zahn Type: ZC, made of stainless steel, with fixed stainless steel nozzle, orifice No. 5

## Product Information:

Article Number	Product Description.	Ø Orifice (mm)	Viscosity Range (cSt)*	Flow times (sec)*	Type of Material
VF2226	No 1	2.0 max.	60	35-80	Very thin liquids
VF2227	No 2	2.7	20-250	20-80	Thin oils, mixed paints, lacquers
VF2228	No 3	3.8	100-800	20-80	Medium oils, mixed paints, enamels
VF2229	No 4	4.3	200-1200	20-80	Viscous liquids and mixtures
VF2230	No 5	5.3	400-1800	20-80	Very viscous liquids and mixtures

\*For information purposes only; all approximate values at 25 °C

## Technical Specification:

Cup:	Stainless steel, 44.0 cm <sup>3</sup>
Nozzle:	Stainless steel, fixed
Handle:	Stainless steel
Complies with:	ASTM D 1084, ASTM D 4212
Weight:	135–137 g
Cup width:	36 mm
Cup height:	62.5 mm
Max. Width:	50 mm
Total height:	330 mm



### Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

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