TQC sheen

Viscosity Cups according to ASTM D1200 (Ford)

VF2030, VF2031, VF2032, VF2033

INDUSTRIAL PHYSICS

Protecting
Product Integrity

The Sheen Viscosity Cup ASTM D1200 Ford is a range of titanium anodized aluminum or stainless steel viscosity cups with fixed stainless steel nozzle (inner cavity). The viscosity cups are suitable for laboratory use with a stand. Widely used for measuring paint, lacquers and other liquids.

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. Viscosity Flow Cups are used for measuring the consistency of paints, varnishes and other similar products.

Features:

- A relatively deep well surrounding the top of the cup serves to catch any overflow
- The design of the cup and orifice eliminate hard to clean recesses
- The outside dimensions have been chosen to support the Sheen stands
- Sheen viscosity cups are made under the continuing quality control procedures
- Each cup is provided with an engraved unique serial number

Standards:

ASTM D 1200. Look up the appropriate standard for a correct execution of the test.

Scope of supply:

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

Optional items:

- CL0030 – Calibration Certificate (if applicable)
- VF2061 – Tripod stand Type S40B, stainless incl. spirit level
- VF2062 – Tripod stand Type S10 galvanized steel incl. spirit level
- DI0076 – Stopwatch
- VF2053 – Viscosity Conversion Disc
- VF2063 – Glass sheet
- VF2067 – Temperature control jacket with tripod for DIN / ASTM viscosity cups

Technical Specification:

Max. Width:	92 mm
Height:	74 mm
Weight:	196 g (titanium anodized aluminum) 557 g (stainless steel)

Ordering Information:

Article Number	Product Description.	Ø Orifice (mm)	Viscosity Range (cSt)*	Flow times (sec)*	Type of Material**
VF2030	No 2	2.53	25–120	40–100	Titanium anodized aluminum
VF2031	No 3	3.4	49–220	30–100	Titanium anodized aluminum
VF2032	No 4	4.1	70–370	30–100	Titanium anodized aluminum
VF2033	No 5	5.2	200–1200	30–100	Titanium anodized aluminum

*For information purposes only; all approximate values at 25 °C.
**All cups have a stainless steel nozzle

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.

Contact Details

web. www.industrialphysics.com

email. info@industrialphysics.com

email. info.china@industrialphysics.com

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