



CERTIFICATE

(According to EN 10204 – 3. 1)

1 - PRODUCT: PVC-U VALVES

2 - MANUFACTURER: AVF

Quality System certified according to EN-ISO 9001 by IIP/SQP (IQNET)

3 - RAW MATERIAL SPECIFICATION

The valves are manufactured out of PVC-U compound without the use of plasticizer and fillers. The PVC-U compound is in accordance with the Italian Ministerial Decree n.174 and the Mimisterial Decree dtd 21.03.73 concerning health aspects of plastics with respect to potable water and foodstuff applications.

4 - MANUFACTURING CONTROL

4.1 DIMENSIONS

The dimensions of valves correspond to:

Jointing by cementing welding: EN 1452 part 4 – ISO 727 –BS 4346/1

Jointing by threaded connection: UNI ISO 228 - DIN 2999 – BS 21

4.2 VISUAL INSPECTION

The valves are certified to be free of bubbles, blisters, scratches or other faults detrimental to the product performance.

4.3 TESTS

The valves are tested for the batch release at 1,5 x PN bar with open valve and 1,1 PN x bar with closed valve.

5 - PERFORMANCES

The applicable PN is stated in AVF Technical Catalogue; in general:

Ball valves : PN 16 for d 16-63, PN 6 for d.75-110

Butterfly valves : PN 16 for d. 50 – 63, PN 10 for d.75-225, PN6 for d.280 and PN4 for d.315

Clapet valves : PN 5

6 - PACKAGING

The products are packaged in cartons or other boxes, in order to avoid any damage during handling and trasportation and from ultra violet rays.

Quality Control : A.V.F. Astore Valves and Fittings S.r.l.
Società Unipersonale

Via Tangoni, 26 - 16030 Casazza Ligure (Ge) - ITALY

Date : 29/01/04



CERTIFICATE

(According to EN 10204 - 3. 1)

1 - PRODUCT: **PP CLAMP SADDLE**

2 - MANUFACTURER: **AVF**

Quality System certified according to EN-ISO 9001 by IIP/SQP (IQNET)

3 - RAW MATERIAL SPECIFICATION

The saddle are manufactured out of PP raw material.
The PP compound is in accordance with the Ministerial Decree dtd 21.03.73 concerning health aspects of plastics with respect to foodstuff applications.

4 - MANUFACTURING CONTROL

4.1 DIMENSIONS

The dimensions of saddle correspond to:

- DIN 2999 - BS 21 - ISO R7/1 up to D. 160 - UNI/ISO 228 from D.180 to D.315

4.2 VISUAL INSPECTION

The saddles are certified to be free of bubbles, blisters, scratches or other faults detrimental to the product performance.

4.3 TESTS

The saddles UFM in PP are tested to work at to maximum working pressure.

5 - PERFORMANCES

The applicable PN is stated in AVF Technical catalogue, in general:

PN 10 for d 20-160

PN 6 for d 180-200

PN 4 for d 225-315

6 - PACKAGING

The products are packaged in cartons or other boxes, in order to avoid any damage during handling and transportation and from ultra violet rays.

Quality Control : A.V.F. Astore Valves and Fittings S.r.l.

[Signature]
Società Unipersonale

Date : 29/01/07



CERTIFICATE

(According to EN 10204 – 3.1)

1 - PRODUCT: PP COMPRESSION FITTING

2 - MANUFACTURER: AVF

Quality System certified according to EN-ISO 9001 by IIP/SQP (IQNET)

3 - RAW MATERIAL SPECIFICATION

The compression fittings are manufactured out of Polypropylene based resins. The PP-B compound is in accordance with the Italian Ministerial Decree n.174 and the Italian Ministerial Decree dtd 21.03.73 concerning health aspects of plastics with respect to potable water and foodstuff applications.

4 - MANUFACTURING CONTROL

4.1 DIMENSIONS

The dimensions of compression fittings correspond to: UNI 9561.

4.2 VISUAL INSPECTION

The compression fittings are certified to be free of bubbles, blisters, scratches or other faults detrimental to the product performance.

4.3 TESTS

The compression fittings are tested in order to sustain the maximum working pressure according to ISO 14236.

5 - PERFORMANCES

The applicable PN is stated in AVF Technical Catalogue, in general: PN 16 for d.16-63, PN 10 for d. 75-90-110.

6 - PACKAGING

The products are packaged in cartons or other boxes, in order to avoid any damage during handling and transportation and from ultra violet rays.

Quality Control : A.V.F. Astore Valves and Fittings S.r.l.
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