

Product: FRP Staff Gauge
Project:
Supplied By: Virtual Polymer Compounds, LLC
Quotation #:

PRODUCT SPECIFICATION FRP STAFF GAUGE
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PART ONE -GENERAL INFORMATION

- 1.01 Furnish (*QTY*) FRP Staff Gauge. The width of the gauge is (*provide width in inches*) and is (*provide length in feet*) long. The staff gauge will read vertically up from (*elevation at bottom of gauge*) to (*elevation at top of gauge*) Staff Gauge has white background with black markings graduated by the foot in (*hundredths, tenths, or inches*) Gauge is adhered to .125 inch thick rigid fiberglass with an engineer's grade adhesive.
- 1.02 Specification section that may relate to this work:
A. Section 13411 - Water Monitoring Equipment
- 1.03 References and related standards:
A. ANSI/AWWA F101 - Contacted molded, Fiberglass-Reinforced Plastic Wash Water Troughs
B. ASTM D 256 - Standard Test Method for Determining Pendulum Impact Resistance of Notched Specimens of Plastic.
C. ASTM D 638 - Standard Test Method for Determining Tensile Properties of Plastic
D. ASTM D 790 - Standard Test Method for Determining Flexural Properties of Plastic
E. ASTM D 2583 - Standard Test Method for Determining the Surface Hardness of Plastic using a Barcol Instrument.
F. ASTM D 648 - Standard Test Method for Determining the Distortion of Plastic under controlled Exposure to Elevated Temperatures
- 1.04 Submittals
A. Submit under the provisions of Section 01300.

PART TWO - PRODUCT

- 2.01 Products
A. Provide product supplied by Virtual Polymer Compounds, LLC; 10478 Ridge Road, Medina NY 14103; Tel. (585)735-9668.
B. Request for substitution will be considered only if submitted and approved in advance of bid date. Substitution request must include evidence that the product meets all standards submitted herein; that the manufacturer has ten

- years of experience fabricating the product; there is a complete quality assurance program in place such as ISO 9001.
- C. Substitution not submitted in and approved bid date will not be considered.

2.02 Material of Construction

- A. Flexcon[®] 0M500 Clear; Top exposed surface will be matte clear polyester film coated with a permanent pressure sensitive acrylic adhesive.
- B. Flexcon[®] V400F; Printable high gloss flexible vinyl film coated with a permanent acrylic pressure sensitive adhesive.
- C. The material will meet or exceed the following standards:
1. High Temperature Limit 150 F
 2. Chemical Resistance ANSI/AWWA F101 Type II

- 2.03 Method of Construction; The material will be composed of Adhesive backed computer printed sheets integral to the fiberglass.

PART THREE - EXECUTION

- 3.01 Carefully remove gauge from original packaging only at the time of installation. Examine the gauge completely and report any damage to the unit prior to installation.
- 3.02 Verify that the dimensions of the gauge are correct and located at the measuring point. Report any anticipated problems at once.

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