Product: Vinyl Staff Gauge
Project:
Supplied By: Virtual Polymer Compounds, LLC
Order #:

PRODUCT SPECIFICATION
VINYL STAFF GAUGE

PART ONE -GENERAL INFORMATION

1.01 Provide _____Vinyl Staff Gauge, _____ inches wide; _____ feet in length. Graduations by the:_____. Coloring is a white background with black graphics. Reads vertically (up or down) from _____ to _____.

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 Engineer Grade Adhesive backed computer printed sheet.

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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