

Moisture Resistant Wall and Ceiling Panel



Nudo Utilite™ Technical Data

NUDO Utilite™ is an interior Class A interlocking wall and ceiling panel. These seamless fluted vinyl wall and ceiling panels are 16" and 24" wide, and come in 8', 12', 16' and 20' lengths. The 24" wide panels are available in a straight edge drop-in ceiling panel, 2 x 2 and 2 x 4. The high gloss bright white finish is optimal for clean room and sanitary panel systems. These durable, lightweight panels are easy to easy to maintain, and are ideal in dairy facilities, processing plants, carwashes, high wash down areas where a sanitary environment is required.

Physical Properties: Table 1

| Property | Typical Value* | | Test Method |
|------------------------------|----------------|------------|-------------|
| Surface Burn Test | Class A | N/A | ASTM E84 |
| Flame Spread | 20 | N/A | ASTM E84 |
| Smoke Development | ≤ 250 | N/A | ASTM E84 |
| Surface Burn Test - Canadian | Class A | N/A | ULCS 102.2 |
| Flexural Strength | 2,223 | psi | ASTM D790 |
| Flexural Modulus | 156,976 | psi | ASTM D790 |
| Flexural Load | 10,496 | lbf | ASTM D790 |
| Tensile Strength | 1,308 | psi | ASTM D638 |
| Izod Impact | 1.57 | Ft-lbs/in. | ASTM D256 |

*These are typical values and are not to be construed as specific product limits

Physical Properties: Table 2

| Part Number Identifier | Nominal Panel Thickness | Nominal Panel Weight | Color | Size |
|------------------------|-------------------------|----------------------|------------------|--|
| NP-400 | .400" (10mm) | 1.0# psf | White High Gloss | 16"X8', 10', 12' 16', 20' 24"X8', 10', 12', 16', 20' (Ceiling Tiles 24"x2', 4') |

RESPONSIVENESS

CONSISTENCY

SOLUTIONS

Composition: The Utilite panel is a seamless tongue and groove plastic panel composed of fluted PVC.

Preconditioning: Prior to installing Utilite panels, remove the packaging materials and allow the panels to acclimate to room temperature and humidity for at least 48 hours. Ideally, the room temperature and humidity during acclimation and installation should be the same as the final operational conditions.

Product Limitations: NUDO Utilite™ designed as an indoor wall and ceiling panel. When installing keep panels 24" from Heater and shield Radiant Tube Heater. Utilite is designed to be installed over a solid wall surface or directly installed over non insulated exterior walls. Utilite should be installed between 60°F (16°C) to 75°F (24°C) and 35% to 55% relative humidity. Do not install panels using Power Nail Guns or Staples, use only recommended fasteners per manufacturers installation guidelines. If any portion of the panels is not deemed acceptable, notify Nudo immediately. Upon verification of unacceptable panels, Nudo will replace that portion of the material, but will not take responsibility for the labor, other handling, or installation expenses.

Finished Panel Quality, Fabrication & Handling

- The backside shall be smooth. Backside imperfections which do not affect functional properties are not cause for rejection.
- Physical properties shall be set forth in Table 1.
- Product quality standards and tolerance for panel weight and thickness shall be set for in Nudo Product, Inc. Quality Control Procedures/Standards which are available upon request.
- Panels shall be installed in accordance with the manufacturer's guidelines as set forth in the installation guide lines.
- Please refer to NUDO Utilite™ Installation Guidelines for cleaning instructions.
- Panels can be installed and fabricated with the same tools and techniques as ordinary plastic panels. Carbide-tipped tools are recommended, as well as safety equipment. Eye protection and filtered mask should be worn during cutting and trimming operations.

Storage: Utilite panels should be stored horizontally indoors on a contiguous flat surface. Panels should never be stored on the floor or an outside wall. Storage conditions are 60°F (16°C) to 75°F (24°C) and 35% to 55% relative humidity.

Disclaimer: We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions of use are beyond our control, the user assumes all risks. Nothing herein shall be construed as a recommendation for use that infringes on valid patent or as extending a license under valid permit. Nothing herein shall be construed as a recommendation for use or as extending a license under valid patent.

RESPONSIVENESS

CONSISTENCY

SOLUTIONS