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Agru's Black/White Liner Reduces Heat Gain

With high-contrast layers to improve damage detection, Agru's Black/White Liners offer the marketplace an improved, heat-reducing geomembrane.

While traditional black geomembranes can reach temperatures of 160°F or more and experience thermal expansion exceeding one percent, Agru's Black/White Liner reduces heat absorption by up to 50 percent with a white layer that reflects light. Reduced heat also lessens the risk for wrinkling due to thermal expansion and contraction.

The primary black layer contrasts with the white to clearly expose any damage or scarring on the liner, improving damage detection through visual inspection.



Available in high density polyethylene (HDPE) and linear low density polyethylene (LLDPE), MicroSpike[®] texturing and smooth surface, the Black/White Liner allows for increased installation windows during periods of elevated temperatures.

Agru Announces New PE Ball Valves



Agru America has added injection-molded PE Ball Valves to the Pipe and Fittings product line. Fifty percent lighter than conventional metal valves and containing a diameter and wall thickness that meets ASTM D2513 standards, the ball valves are designed and manufactured entirely by Agru in the Bad Hall, Austria facility.

The patented ball valve design is based on a reinforced inner cage which ensures safety, pressure resistance and operational reliability by using a three-way centering mechanism to secure



the ball. Overmolded with PE 100 material, there are no welding seams in the valve body.

Available in sizes ranging from 2" IPS to 8" Pipe and Fittings, with or without gear reduction actuators, the ball valves can be installed in new and existing pipelines using butt fusion and electrofusion welding processes. They are available with EPDM sealing for water use, NBR sealing for gas use and are also NSF 61 certified for potable water use.

Agru Announces New Carbon Steel Category 1 Transition Fittings



Agru's new carbon steel category 1 Transition Fittings are now available through the Pipe and Fittings product line. Designed and manufactured entirely in the Andrews, SC facility, all designs have been tested and approved by a third party lab to verify that the fittings meet ASTM F1973 and D2513 standards. The fittings are produced in-house using stateof-the-art equipment and processes, including a custom designed electrostatic coating line to apply an epoxy coating to all steel components. This coating provides exceptional corrosion resistance and extends service life. The availability of the transition fittings ranges from 1 1/4" CTS through 4" Pipe and Fittings sizes.

Stronger than PE pipe, the category 1 style transition joint features double O-Ring seals for added leak protection. All steel welds are performed by an automated welding process and air tested 100 percent to insure weld integrity. The transition fittings are available in weld end, thread end, flanged end, and grooved end configurations.







Agru Introduces a New Level of Clean

With customers all over the world and strict requirements to meet their 190 country-specific approvals, Agru has invested €15 million into a new facility to cover the worldwide demand for high-purity piping systems.

Welcoming international guests, Agru opened its state-of-the-art cleanroom facility for manufacturing PURAD, the piping system for ultra-pure media, at a ribbon cutting ceremony on June 9, 2016.

Opened in Bad Hall, Austria, Plant 5 is used exclusively for manufacturing PURAD PVDF UHP piping components for high-purity applications. The most common application of PURAD products is transporting ultra-pure water in the computer chip industry.

The facility meets hygiene requirements higher than those for hospital operating rooms. Under these supremely clean conditions, Agru ensures its customers receive products of uncompromising precision, cleanness and durability.



Through the use of suspended-particle filters, protective clothing and constant excess interior pressure, the cleanrooms reduce concentrations of airborne particles that can settle on products to minimized counts. The entire volume of air inside the room is recirculated about every two minutes and remains sterile, preventing dust from building up or collecting in the room. For more information on Agru America and our innovative products, please reach out to us.



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