

Product Name: E 305 A

PVC coated both sides tarp, Weathering and Heat Resistance

End Use: Potable Water Tanks, Tanks Liners.

Approved for International Specification: NSF/ ANSI 61; AS/NZS 4020: 4020:2005 & SI-5452 (potable water), Flexitanks for aqueous, acidic and alcoholic products according to EU directive for contact with foodstuff, FDA code of federal regulations Title 21, **SI 5113, PZH-** Polish National Institute of Public Health.

| Properties | Typical Characteristics | |
|---------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| Test & Method | English | Metric |
| Base Fabric | Polyester 1,000 Den 5.9 [Oz/yd ²] | Polyester 1,100 Dtx 200 [gr/m ²] |
| Total Weight ASTM D 751 | 21.8 [Oz/yd ²] | 740 [gr/m ²] |
| Breaking Strength - Strip ASTM D 751 method B | 315 / 315 [lbs/inch] | 2800 / 2800 [N/5 cm] |
| Breaking Strength - Grab ASTM D 751 method A | 440 / 440 [lbs] | 2000 / 2000 [N] |
| Tear Strength – Single Rip ASTM D 751 method B, DIN 53356 | 70 / 45 [lbs] | 300 / 200 [N] |
| Tear Strength - Double Rip ISO 4674 | 130 / 120 [lbs] | 600 / 550 [N] |
| Tear Strength - Trapez DIN 53363 | 55 / 55 [lbs] | 250 / 250 [N] |
| Adhesion (HF Welding) ASTM D 751 | 13.5 / 13.5 [lbs/inch] | 120 / 120 [N/5 cm] |
| Blocking Resistance Fed. Std. 191-5872, 6 hrs. @ 70°C | #1 | |
| Seam Strength, ASTM D 751 Procedure B 2" overlap seam (1" width seam) | Break outside seam | |
| Heat Resistance | Up to 158°F | Up to 70°C |
| Cold Bend ASTM D2136 | -40°F | -40°C |
| Abrasion (Taber) ASTM D 3389 Weight loss (H-22 1,000 gr) | <250 [mg/1000 cycles] | |
| Weathering - 7,500 hours ASTM G 154 UVA 8 hrs. 60°C, 4 hrs. Cond. 50°C | Very slight color change | |

