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## Manufacturer's Certificate of Compliance

TO WHOM IT MAY CONCERN

This is to certify that the **RoLanka 3DTRM-PP™** blanket is constructed of a polypropylene (PP) fiber layer sewn between two high strength PP grids and reinforced with a standard PP net. Structural integrity of the TRM is assured by strong parallel stitching with polyolefin strands. The blanket is manufactured to conform to the following properties:

Property	Test Method	3DTRM-PP™
1. Thickness	ASTM D 1777	0.5 inch (12.7 mm)
2. Weight	ASTM D 5261	13 oz/SY (440 g/sq. m.)
3. Ground cover	Light Projection	87%
4. Ultraviolet Stability	ASTM D 4355	97%
5. Tensile strength (lbs./ft) Machine direction Cross direction	ASTM D 5035	720 lbs./ft (10.5 kN/m) 780 lbs./ft (11.4 kN/m)
6. Tensile strength ( <b>10% elongation</b> ) Machine direction Cross direction	ASTM D 5035	528 lbs./ft (7.7 kN/m) 552 lbs./ft (8.1 kN/m)
7. Tensile elongation ( <b>Ultimate</b> )	ASTM D 5035	20% (max)
8. Recommended Velocity		20 ft/sec (6.1 m/sec)
9. Recommended Shear Stress		8 lbs./sq. ft (383 N/sq.m)
10. Fiber		100% polypropylene fiber

RoLanka International, Inc.

*Calista R. Santha*

Calista R. Santha, Ph.D.  
President

**SBA's 8(a) & SDB and DOT DBE Certified.**