# 280 Natural Reinforced Water-Activated Tape

## Technical Data Sheet

### Description
3-way fiberglass reinforced natural kraft carton sealing tape manufactured with water-activated adhesive.

### Product Application
Used for two strip sealing cartons top and bottom. Works well on recycled cartons and non-unitized loads. Recommend using on heavyweight cartons up to 90 pounds (41 kg).

### Physical Properties:
- **Caliper**: 7.9 mils (0.20mm)
- **MD Tensile**: 96 lb/in (420 N/25mm)
- **CD Tensile**: 29 lb/in (127 N/25mm)

### Adhesion (Water at Recommended 110°F/43°C):
- **Fipago**:
  - 2/0: 37
  - 2/1: 57
  - 5/0: 68
  - 15/0: 86
- **Mclaurin**: 85

### Construction Per 3,000 Square Feet (Metric)
- **Top Ply**: 30 lb (49 g/m²) Natural Kraft Paper (virgin fibers)
- **Bottom Ply**: 30 lb (49 g/m²) Natural Kraft Paper (virgin fibers)
- **Laminating Adhesive**: High Melt Index Polypropylene Based Co-Polymer
- **Water-Activated Adhesive**: Chemically Grafted Starch Based Copolymer Adhesive, Designated as S3911
- **MD Reinforcement**: (3-3-2-2-3-3) 75 Fiberglass (per 3"), ½" spacing
- **CD Reinforcement**: (1-1-1) 150 Fiberglass, 0.55" spacing, 43° angle

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**Effective**: 03/16