Fortress FR-700 – Pretreatment

Fortress FR-700 is a pretreatment formulation that uses magnesium chloride as the inorganic fire-retardant salt. FR-700 contains a thickener to provide a medium viscosity product, this product category is qualified to be purchased and delivered premixed; the product is not evaluated for long-term stability. The FR-700 formulation is uncolored.

Product Type:	Medium viscosity, gum-thickened, pretreatment, pre-mixed retardant.
Application:	Ground-based fire apparatus.
Use level:	These products are pre-mixed and delivered ready-to-use.
Yield:	Not applicable.
Viscosity:	401 – 800 centipoise (cP) Field measurement (Marsh Funnel): **A flow-through time of 16 – 21 seconds using the Medium Viscosity Marsh Funnel with large (17/64 inch diameter) tip indicates an acceptable viscosity.**
Salt content:	Field measurement (refractometer): A reading of 18.0 indicates proper salt content. **A reading between 16.25 and 19.75 indicates an acceptable salt content.**
Specific weight:	9.12 lb/gal for mixed retardant; equivalent to a density of 1.093 g/mL. At 70°F, a **density between 1.083 and 1.103 indicates an acceptable salt content**. This is equivalent to **9.04 lb/gal – 9.20 lb/gal**. The mixed product is designated as non-storable.