

**NR-300 Machine Mix  
Automated Dispensing Equipment**

Pecora NR-300 is a two component, fast curing, jet fuel, and jet blast resistant polyurethane joint sealant material. The mix ratio for the two component system is 1:1 by volume. Combining of the two components is best achieved by the use of static mixing systems or tips. The equipment used to dispense the NR-300 machine mix material is composed of basic components supplied by most automated dispensing equipment manufacturers. The following list of components manufactured by Graco would be needed to assemble a typical system used to dispense the NR-300 through a static mixing tip.

**Dispensing Machine Components**

- 1) 1:1 Bulldog Basic Hydra-Cat Proportioner mounted on portable cart.
- 2) (2) 55 gallon feed pumps with air controls and feed hoses.
- 3) (1) 2 component extrusion gun with supply hoses.
- 4) Static mixing tips. (~15 " in length with 30 mixing units)
- 5) Outlet gauges and safety relief valves
- 6) Moisture-tough hoses for the activator component of the two components (Part A)
- 7) Lubricators for pumps
- 8) Interconnecting hoses, fittings, etc.
- 9) Two 55 gallon twistork agitators for pre-mixing of each component prior to application.

**NR-300 Machine Mix Material Properties**

Polymer Base:	2 - part urethane
Mixing Ratio by Volume:	Activator to Base, 1: 1
Non-Volatile Content @ 75 degrees F:	100%
Viscosity:	Activator: 10,000 - 15,000 centarpoise Base: 4,000 - 8,000 centarpoise
Pot Life @ 75 degrees F, 50% R.H.:	8-15 minutes
Initial Cure @ 75 degrees F, 50% R.H.:	30 minutes

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<b><u>COLOR:</u></b>	Activator - Golden Bronze
	Base - Dark Bronze

Note: Mark all containers "A" for Activator and "B" for Base. If you are not sure, smear a sample of each on a white surface to distinguish activator from base.

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