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- 1 Double jacket 21/2" x 25' 800 psi fire hose coupled 21/2" aluminum NH
- 2 Inline calibrated gauges
- 1 21/2" x 11/2" aluminum adapter
- 2 50' attack lines coupled 11/2" NH
- Smooth bore nozzle 15/16" tip

Procedure

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Test is performed using a 21½ daubte jacket Big 10 x 25 long fire hose from the pump pinel to the ground A 2½ x 1½ adapter is addied to the male end of the 2½ or ensure an accurate reading at the intel gauge without vibration A calibrated inline gauge is then placed behind the adapter. Two lengths 50 long test samples are coupled together and placed in a straight the laying file on the ground. A second calibrated riline gauge is placed at the discharge end finale end) along with a %er smooth bore nozel. The total assembly is filled with water and the nozel has an open end discharge end. I areas of 50 ps is reached at the discharge end. A reading is sumitianeously sitem on both gauges to correctly determine the friction loss of the 100 long assembly.

Results

Product	Diameter	per Minute	50'	of Flow
Combat Ready	13/4"	185 gpm	11 psi	6.59
Combat Ready	2" w/ 11/2"	185 gpm	9 psi	5.25
Combat Ready	2" w/ 21/2"	185 gpm	7 psi	4.13
Key-Lite	19/4"	185 gpm	25 psi	14.6
Magnum	13/4"	185 gpm	19 psi	11.6
Big-10 (FDNY spec)	13/4"	185 gpm	13 psi	7.44
Big-10	13/4"	185 gpm	22 psi	13.2
Eco-10	13/4"	185 gpm	21 psi	12.4
TRU-ID	13/4"	185 gpm	22 psi	13.2



KEY-LOK TECHNOLOGY





