



Hydrostatic Testing

Yong Won – Manufacturers factory test.

1. Every YB28 flexi-dropper™ hose is tested to 220psi (1518kpa) air pressure under water for 8 seconds.
2. Random YB28 flexi-dropper™ hoses, 1 in every 1000 are tested to 300psi (2070kpa) air pressure under water.
3. Every YB25 flexi-dropper™ hose is automatically tested to 400psi(2760kpa) with air for 30 seconds during the manufacturing process
4. Random YB25 flexi-dropper™ hoses are tested to 400psi (2760kpa) with air for 60 seconds

Underwriters Laboratories (UL) tests to UL2443

1. Change in length test - 1.5 x working pressure(200psi) for 1 minute = 300psi (2070kpa)
2. Leakage test – 2 x working pressure(200psi) for 1 minute = 400psi (2760kpa)
3. Rupture test – 5 x working pressure(200psi) for 1 minute = 1000psi (6900kpa)

Factory Mutual (FM) Test to Class 1637

1. Hydrostatic pressure test on hose for 5 minutes to 700psi (4825kpa)

