



# Hydromite® 600 Series

## AUSTIN POWDER

A TRADITION OF SAFETY, STRENGTH AND SERVICE.

Booster Sensitive Emulsion

### DESCRIPTION

Hydromite 600 series is a blasting agent emulsion explosive with a putty like texture, packaged in plastic film cartridges.

### **BENEFITS**

- Choice of energies to match rock conditions.
- Good borehole coupling characteristics when cartridge is cut.
- Excellent water resistance in all grades.
- Superior resistant to dynamic pre-compression.



### PROPERTIES

| Product           | Density [g/cc] | RBS <sup>‡</sup> | Fume Class | Water Resistance | VOD    |       |
|-------------------|----------------|------------------|------------|------------------|--------|-------|
|                   |                |                  |            |                  | [ft/s] | [m/s] |
| Hydromite 610/650 | 1.24           | 114              | 1          | Excellent        | 18,200 | 5,551 |
| Hydromite 620/660 | 1.24           | 130              | 1          | Excellent        | 17,600 | 5,368 |
| Hydromite 630/670 | 1.24           | 145              | 2          | Excellent        | 17,100 | 5,216 |

Note: 650, 660 & 670 contain high strength microspheres.

<sup>‡</sup> Energy is calculated using TIGER, a thermo-dynamic computer code used by Austin Powder Company. Other computer codes may give different values. ANFO = 100 @ 0.82 g/cc.

### PRIMING

These products must be in direct contact with an appropriate size Red-D Prime® or cast booster (recommended minimum 1/3 lb). Additional primers may be required depending upon borehole or geological conditions.

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## PACKAGING

| Cartridge Style | Cartridge Size |          | Cartridge Weight |      | Case Count<br>50 lb / 22.5 kg |
|-----------------|----------------|----------|------------------|------|-------------------------------|
|                 | [in]           | [mm]     | [lb]             | [kg] |                               |
| Plastic<br>Film | 2 x 16         | 50 x 400 | 2.38             | 1.08 | 21                            |
|                 | 2 ¼ x 16       | 56 x 400 | 2.63             | 1.19 | 19                            |
|                 | 2 ½ x 16       | 63 x 400 | 3.33             | 1.51 | 15                            |
|                 | 2 ¾ x 16       | 69 x 400 | 4.17             | 1.89 | 12                            |
|                 | 3 x 16         | 75 x 400 | 5.00             | 2.27 | 10                            |
|                 | 3 ¼ x 16       | 81 x 400 | 5.56             | 2.52 | 9                             |
|                 | 3 ½ x 16       | 88 x 400 | 7.14             | 3.24 | 7                             |

Note: All dimensions and weights are nominal.



For more information and service locations in your area, please contact:

### **Austin Powder Company**

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Web: [www.austinpowder.com](http://www.austinpowder.com)

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### **STORAGE**

Store in accordance with all applicable local, state, provincial and federal laws.

### **SHELF LIFE**

One year from date of manufacture under good storage conditions.

### **UN CLASSIFICATION**

**Shipping Name:** Explosive, Blasting, Type E

**Class & Division:** 1.5D

**ID Number:** UN0332

### **DOT REFERENCE NUMBER**

EX-1993050178

### **Disclaimer of Warranties and Limitations of Liabilities**

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