

# POLE SETTING FOAM

BACK FILL SYSTEM FOR SMALL CELL SITES



Step 1:  
**MIX**



- **Two-Part Polyurethane Foam**
  - Low-Density, High-Strength
- **Mixes in Seconds**
- **Ideal for Hydrovac Excavations**
  - Replaces Dirt, Gravel & Concrete

- **Excellent Adhesion to Wood (Including Treated), Metal & Fiberglass Poles**
- **Hydrophobic**
- **Expands 15x to Secure the Pole**

- **Set Pole in Minutes**
  - 50% Strength in 3 Minutes
- **Eliminates the Need for Backfilling & Tamping**
- **Environmentally Friendly**
- **Encapsulates the Pole & Extends the Pole's Life**

Step 2:  
**POUR**



Step 3:  
**SET**



**RAINBOW**  
TECHNOLOGY CORPORATION  
Specialists in Utility Chemicals & Safety Items  
[www.rainbowtech.net](http://www.rainbowtech.net)

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### **RTC# Approx. Yield**

79701 - 1 cubic foot  
79702 - 2 cubic feet  
79703 - 3 cubic feet  
79705 - 5 cubic feet  
79706 - 6 cubic feet  
79707 - 7 cubic feet  
79709 - 9 cubic feet

Pole Setting Foam Kits include: Part A (container), Part B (container), gloves or mixing whisk (dependant on the container size), and application instructions are located on the container label. Custom packaging is also available to meet your specific needs.

### **MATERIAL PROPERTIES AT (77°F/25°C)**

Property	Value	Test Method
Color		Visual
Part A	Light Brown	
Part B	Dark Brown	
Mixed	Yellow	
Working Life		
Rise Time	2 Minutes	ASTM D2237
Gel Time	2.5 Minutes - 3 Minutes	ASTM D2471
Tack Free Time	5.0 Minutes	
Full Cure Time	12 Hours	
Drastic Temperature Change Bonded	Little Chance of Cracking	
Performance (cured)		
Density	5.5 - 6.0 lbs/ft <sup>3</sup>	ASTM D1622
Compressive Strength (psi)	75 Minimum	ASTM D1621
Porosity	>90% Closed-Cells	ASTM D2856
Water Absorption	0.02%	ASTM D2842
Shear Strength (psi)	42 Minimum	ASTM D732
Tensile Strength (psi)	64 Minimum	ASTM D1623
Cohesive Shear (dry)	22.9 psi	ASTM D3080
Cohesive Shear (wet)	20.9 psi	ASTM D3080
Chemical Resistance		ASTM D543
Water	Excellent	
Salt Water	Excellent	
Sulfuric Acid 20%	Excellent	
Gasoline	Excellent	
Diesel Fuel	Excellent	
Hydrochloric Acid 20%	Excellent	
Ammonium Hydroxide 10%	Good	
Sodium Hydroxide, Concentrate	Good	
Fungus	Excellent	

Pole Setting Foam can be used when temperatures are as low as -40°F (-40°C) or as high as 86°F (30°C) as long as the Pole Setting Foam Kit is conditioned to room temperature (68°F / 20°C) for 2 hours prior to use.

For more details, consult your Rainbow Technology representative at 1-800-637-6047

This product is only for sale to and use by service personnel. SDS available at [www.rainbowtech.net](http://www.rainbowtech.net)



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