

# AV-202 Multigrout

## Technical Specifications



### Description

Durable and versatile elastic foam or gel. Excellent for heavy or light flow conditions, as well as under water. Nonflammable. Cartridges available.

### General Uses

- Large cracks or joints in concrete
- Dams and reservoirs
- Precast structures
- Manhole and pipe penetrations

### Properties: Uncured

Appearance: Dark brown liquid  
Viscosity: 2500 cps @ 30°C (77°F)  
Flash Point: 200°F (Pensky-Martins)  
Specific Gravity: 1.15 (9.53 lbs./gallon)  
Corrosiveness: Non-corrosive

ASTM D-1638  
ASTM D-93  
ASTM D-1638

### Properties: Cured Foam (1:1)

*1:1 Water/Grout Ratio*

Tensile Strength: 20 PSI (1.406 kg/cm<sup>2</sup>)  
Elongation: 190%  
Tear Strength: 4.9 lbs./in. (0.875 kg/cm<sup>2</sup>)  
Density or Specific Gravity: 0.18

ASTM D-3574  
ASTM D-3574  
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### Mix Ratio

*Ratio Range*

Water: AV-202

1:1 to 5:1  
6:1 to 10:1  
11:1 to 15:1  
16:1 to 49:1  
50:1 to 100:1

*General Properties*

Foam  
Expansive gel  
Soft gel  
Very weak gel  
Emulsion

### Foam Time

*Ratio Range*

Water: AV-202

1:1  
2:1  
4:1  
6:1  
8:1

*Foam Time*

in minutes @ 72°F

1:50  
2:50  
4:25  
8:00  
11:00



## Storage

AV-202 Multigrout is sensitive to moisture and moderately sensitive to high storage temperatures. Store in a dry area between 40°F and 80°F.

AV-202 Multigrout should be properly removed from all application equipment due to the high risk of moisture contamination. Immediately after use, hoses and pumps can be cleaned with AV-208 Acetone or AV-284 Pump Wash. This product is packaged under dry nitrogen to extend shelf life.

## Safety

Product contains Toluene Diisocyanate. Vapors may cause respiratory irritation and sensitization. Take precautions to avoid breathing of fumes and vapors. Operators should be equipped with protective clothing including rubber gloves and face shield. Ventilation should be used in confined spaces.

## First Aid

*Eyes:* Immediately flush eyes with water for 15 minutes. Get immediate medical attention.

*Skin:* Wash affected area with soap and water. Remove contaminated clothing.

*Inhalation:* Remove to fresh air. If breathing is difficult, get medical attention.

*Ingestion:* Drink 2 glasses of water. Call a physician.

*Note:* Never give anything by mouth to an unconscious or convulsing person.



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