



## ZipPack Dumpster

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### PRODUCT DESCRIPTION

The ZipPack Dumpster Tote is the perfect tote for the big jobs. Comes Dry, or Dry/Wet with a 6mil liner. Dual zipper pulls and standard 6" support straps contain waste and make disposal easy.

### FEATURES

- Comes in 22x8x5
- UV-Coated, weather resistant
- Dual zipper pulls
- Standard 6" support straps

### EFFECTS OF CHEMICALS ON PLASTICS

Chemicals can affect the weight, strength, color, dimension, flexibility, and surface appearance of plastics. The basic models of interaction that cause these changes are:

- (1) Chemical attack on the polymer chain, with resultant reduction in physical properties, including oxidation; reaction of functional groups, in or on the chain; and depolymerization;
- (2) physical change, including absorption of solvents, resulting in softening and swelling of the plastic; permeation of solvent through the plastic; or dissolution in a solvent; and
- (3) stress-cracking from the interaction of a "stress-cracking agent" with molded-in or external stresses.

The reaction combination of compounds of two or more classes may cause a synergistic or undesirable chemical effect. Other factors affecting chemical resistance include temperature, pressure, internal or external stresses (such as centrifugation) and length of exposure to/concentration of the chemical. As temperature increases, resistance to attack decreases.

### TECHNICAL INFORMATION

#### Woven Bag

| Product Properties            | Specifications (Metric)                         | Test Method (ASTM) |
|-------------------------------|-------------------------------------------------|--------------------|
| Weight                        | 7.32 oz/yd <sup>2</sup> (248 g/m <sup>2</sup> ) | D5261              |
| Thickness                     | 20 mil (.5 mm)                                  |                    |
| Tensile Property - Strength   | MD – 398 lbs (1800 N)<br>TD – 394 lbs (1800 N)  | D5034-09           |
| Tensile Property – Elongation | MD – 22%<br>TD – 25%                            | D5034-09           |
| Trap Tear                     | MD – 185 lbs (823 N)<br>TD – 167 lbs (743 N)    | D4533-04           |
| Tongue Tear                   | MD – 101 lbs (449 N)<br>TD – 143 lbs (636 N)    | D2261-07a          |
| Accelerated UV Weathering     | >70% @ 1200 hrs                                 | G53                |
| Working Temperature Range     | Maximum 275°F<br>Minimum -14°F                  |                    |

#### 6 mil Inner Coating

| Product Properties            | Specifications                                         | Test Method (ASTM)     |
|-------------------------------|--------------------------------------------------------|------------------------|
| Thickness                     | 4.4 mil (0.1 mm) average                               | D5199                  |
| Tensile Property- Strength    | MD – 3416 psi (23600 kPa)<br>TD – 3071 psi (21200 kPa) | D882, 2ipm strain rate |
| Tensile Property - Elongation | MD – 669%<br>TD – 730%                                 | D882, 2ipm strain rate |
| Impact Resistance             | 4.2 oz (118 g)                                         | D1709, Method B        |
| Tear Resistance               | MD – 14.5 oz (410 g)<br>TD – 82.3 oz (2332 g)          | D1922                  |
| Melting Point                 | 248°F (120°C)                                          | Industry Average       |
| Cold Crack                    | -25.6°F (-32°C)                                        | Industry Average       |

## CHEMICAL INFORMATION

Use this chart as a General Guide only. Test each chemical first before storing in plastic. The first letter of each pair represents the resistance rating at 20 degrees Celsius; the second at 50 degrees Celsius.

E - No damage after 30 days of constant exposure

G - Little or no damage after 30 days of constant exposure  
F - Some effect after seven days of constant exposure.

Depending on the plastic, the effect may be cracking, crazing, and loss of strength or discoloration. Solvents may cause softening, swelling, and permeation losses with HDPE; the solvent effects on these materials are usually reversible.

N - Not recommended for continuous use. Immediate damage may occur. Depending on the plastic, the effect will be severe cracking, crazing, loss of strength, discoloration, deformation, dissolution, or permeation loss.

## CAPACITY INFORMATION

| Measurement  | Capacity                  |
|--------------|---------------------------|
| Cubic Yards  | 32.59 yd <sup>3</sup>     |
| Cubic Feet   | 880 ft <sup>3</sup>       |
| Cubic Inches | 1,520,640 in <sup>3</sup> |
| Gallons      | 6,583 gal                 |

## CHEMICAL INFORMATION

|                            |    |                               |    |
|----------------------------|----|-------------------------------|----|
| Acetaldehyde               | GF | Cinnamon Oil                  | FN |
| Acetamide, sat.            | EE | Citric Acid 10%               | EE |
| Acetic Acid 5%             | EE | Cresol                        | DN |
| Acetic Acid 50%            | EE | Cyclohexane                   | DN |
| Acetone                    | NN | DeCalin                       | EG |
| Acetonitrile               | EE | o-Dichlorobenzene             | FF |
| Acrylotnitrile             | EE | p-Dichlorobenzene             | DF |
| Adipic Acid                | EE | Diethyl Benzene               | FN |
| Alanine                    | EE | Diethyl Ether                 | FN |
| Allyl Alcohol              | EE | Diethyl Ketone                | NN |
| Aluminum Hydroxide         | EE | Diethyl Malonate              | EE |
| Aluminum Salts             | EE | Diethylene Glycol             | EE |
| Amino Acids                | EE | Diethylene Glycol Ethyl Ether | EE |
| Ammonia                    | EE | Dimethyl Formamide            | EE |
| Ammonium Acetate, sat      | EE | Dimethylsulfoxide             | EE |
| Ammonium Glycolate         | EE | 1,4 Dioxane                   | GG |
| Ammonium Hydroxide 5%      | EE | Dipropylene Glycol            | EE |
| Ammonium Hydroxide 30%     | EE | Ether                         | FN |
| Ammonium Oxalate           | EE | Ethyl Acetate                 | EE |
| Ammonium Salts             | EE | Ethyl Alcohol (absolute)      | EE |
| n-Amyl Acetate             | EG | Ethyl Alcohol 40%             | EE |
| Amyl Chloride              | FN | Ehyl Benzene                  | GF |
| Aniline                    | EG | Ethyl Benzoate                | GG |
| Banzaldehyde               | EE | Ethyl Butyrate                | GF |
| Benzene                    | NN | Ethyl Chlorode, liquid        | FN |
| Benzoic Acid, sat.         | EE | Ethyl Cyanoacetate            | EE |
| Benzyl Acetate             | EE | Ethyl Lactate                 | EE |
| Benzyl Alcohol             | FN | Ethylene Chloride             | GF |
| Bromine                    | FN | Ethylene Glycol               | EE |
| Bromobenzene               | FN | Ethylene Glycol Methyl        | EE |
| Bromoform                  | NN | Ether Ethylene Oxide          | GF |
| Butadiene                  | FN | Fluoride                      | EE |
| n-Butyl Acetate            | EG | Fluorine                      | GN |
| n-Butyl Alcohol            | EE | Formaldehyde 10%              | EE |
| sec-Butyl Alcohol          | EE | Formaldehyde 40%              | EE |
| tert-Butyl Alcohol         | EE | Formic Acid 3%                | EE |
| Butyric Acid               | FN | Formic Acid 50%               | EE |
| Calcium Hypochlorite, Sat. | EE | Formic Acid 98-100%           | EE |
| Cabazole                   | EE | Freon TF                      | EG |
| Carbon Disulfide           | NN | Fuel Oil                      | GF |
| Carbon Tetrachloride       | GF | Gasoline                      | GG |
| Cedarwood Oil              | FN | Glacial Acetic Acid           | EE |
| Cellosolve Acetate         | EE | Glycerine                     | EE |
| Chlorine 10% in air        | EF | n-Heptane                     | GF |
| Chlorine 10% (moist)       | GF | Hydrochloric Acid 1-5%        | EE |

|                              |    |                               |    |
|------------------------------|----|-------------------------------|----|
| Chloroacetic Acid            | EE | Hydrochloric Acid 20%         | EE |
| p-Chloroacetophenone         | EE | Hydrochloric Acid 35%         | EE |
| Chloroform                   | FN | Hydrofluoric Acid 4           | EE |
| Chromic Acid 10%             | EE | Hydrofluoric Acid 48%         | EE |
| Chromic Acid 50%             | EE | Hydrogen Peroxide 3%          | EE |
| Hydrogen Peroxide 30%        | EE | Sulfuric Dioxide, wet or dry  | EE |
| Osobutyl Alcohol             | EE | Sulfur Salts                  | GF |
| Isopropyl Acetate            | EG | Tartaric Acid                 | EE |
| Isopropyl Alcohol            | EE | Tetrahydrofuran               | GF |
| Osopropyl Benzene            | GF | Thionyl Chloride              | NN |
| Kerosene                     | GG | Toluene                       | GG |
| Lactic Acid 3%               | EE | Tributyl Citrate              | EG |
| Lactic Acid 85%              | EE | Trichloroethane               | FN |
| Methoxyethyl Oleate          | EE | Trichloroethylene             | FN |
| Methyl Alcohol               | EE | Triethylene Glycol            | EE |
| Methyl Ethyl Ketone          | NN | Tripropylene Glycol           | EE |
| Methyl Isobutyl Ketone       | NN | Trupentine                    | GG |
| Methyl Propyl Ketone         | EG | Undecyl Alcohol               | EG |
| Methylene Chloride           | FN | Urea                          | EE |
| Mineral Oil                  | EE | Vinylidene Chloride           | FN |
| Nitric Acid 1-10%            | EE | Xylene                        | GF |
| Nitric Acid 50%              | GN | Zinc Stearate                 | EE |
| Nitric Acid 70%              | GN |                               |    |
| Perchloroethylene            | NN | Sulfuric Acid 1-6%            | EE |
| Phenol, Chrystals            | GF | Sulfuric Acid 20%             | EE |
| Phosphoric Acid 1-5%         | EE | Sulfuric Acid 60%             | EE |
| Phosphoric Acid 85%          | EE | Sulfuric Acid 98%             | GG |
| Pine Oil                     | EG | Sulfuric Dioxide, liq., 46psi | FN |
| Potassium Hydroxide 1%       | EE |                               |    |
| Potassium Hydroxide conc.    | EE |                               |    |
| Propane Gas                  | FN |                               |    |
| Propylene Glycol             | EE |                               |    |
| Propylene Oxide              | EE |                               |    |
| Resorcinol sat.              | EE |                               |    |
| Resorcinol 5%                | EE |                               |    |
| Salicylaldehyde              | EE |                               |    |
| Salicylic Acid, powder       | EE |                               |    |
| Salicylic Acid, sat.         | EE |                               |    |
| Salt Solutions, metallic     | EE |                               |    |
| Silver Acetate               | EE |                               |    |
| Sodium Nitrate               | EE |                               |    |
| Sodium Acetate, sat.         | EE |                               |    |
| Sodium Hydroxide 1%          | EE |                               |    |
| Sodium Hydroxide 50% to sat. | EE |                               |    |
| Sodium Hypochlorite 15%      | EE |                               |    |
| Stearic Acid, crystals       | EE |                               |    |