

SAN ANTONIO WATER SYSTEM
SAN ANTONIO, TEXAS

Specifications For Disposable Coveralls

April 21, 2006

1. SCOPE

This specification covers a disposable coverall suit meeting specifications as stated for employee handling of potentially hazardous chemicals and non-chemical materials.

2. GENERAL REQUIREMENTS

Suit will be of a composite of breathable and non-woven fabric to provide protective barrier against particles and toxic liquids. Fabric to be lightweight, yet soft and strong, anti-static treated with serged seams. Coveralls color to be white with front zipper.

Physical Property Data

Material: Composite of breathable and non-woven fabric

Basis Weight: 1.8 oz/yd²

Breaking Strength Grab (MD) 27 lbs/CD 23 lb

Flammability: Class 1

Hydrostatic Water Resistance: 17.7 psi (minimum)

Moisture Vapor Transmission Rate (g/m²/24 hrs): 1450 g/m²/day

Surface Resistivity – Log R: <9.5

Tearing Strength Trapezoid: MD 8.3 lbs/ CD 14.7 lb

Thickness: 10.0 mils (minimum)

Mullen Burst: 32 psi (minimum)

Sizing of coveralls:

Available in sizes: Small through Triple Extra Large

3. APPROVED MANUFACTURERS AND MODELS:

<u>Manufacturer</u>	<u>Model</u>
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ProShield	2	(Or approved equal)
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