ROURA
MATERIAL HANDLING

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VORTEX SPRAY ON LINER

VORTEX - (MODEL #)

MADE IN USA

ROURA BUILT

"FOR ALL OF YOUR MATERIAL HANDLING NEEDS!"

Vortex™
SPRAY ON LINER

VORTEX™ LINER MATERIAL
TECHNICAL DATA SHEET:

Description:

The Vortex™ Liner Material developed by Kott Enterprises comprises of a Plural Component, Polyurethane / Polyurea blended base component with a low viscosity, non-temperature sensitive isocyante catalyst formulation.

This unique exclusive blend of materials results in an incredibly durable surface coating of extremely high impact resistance and durability normally found in very expensive polurea blends normally 4 to 8 times the cost. High chemical resistance, abrasion resistance and wearability lend to a long lasting, industrial coating known as Vortex™.

Uses:

Sealing of rubber boots used in fiberglass sumps utilized in service station environments, waterproofing and sealing of hard surfaces that have high impact resistance needs and water sealing capabilities. Excellent for the lining of containment ponds, pickup truck beds, steel tanks, pipes, flooring, concrete, fiberglass and virtually any hard surface that needs protection from impact, moisture and heavy wear.

Technical Data:

Hardness of Vortex™ Material:	Shore D Hardness of 55+
Tensile Strength:	3,025+ PSI
Elongation:	275%+
Tear Resistance Factor:	475 PLI (Tear)

NO WARRANTY APPLIES TO THIS PRODUCT OPTION

SPRAY ON LINER

CHEMICAL RESISTANCE
VORTEX SPRAYLINER MATERIAL

Ethyl Alcohol Resistance Immersion Test

June 15, 2001

Saturation of Vortex Flex and Vortex Industrial Samples into solution of 25% concentration of Ethyl Alcohol.

Insertion of samples fully immersed at 1:pm 6/15/01.

2pm No Effect

June 18, 2001
8:30 AM Slight effect of minor swelling of both products at less than .5%.
No degradation of product, elasticity or flex.

After removal of the samples from 24 hour immersion, the samples were left to air dry. After 48 hours, the samples rebounded to their original dimension and shape. No degradation of the product was noticed. The product retained it's flexibility, strength and abrasion resistance after drying out.

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Vortex™
SPRAY ON LINER

CHEMICAL RESISTANCE
VORTEX SPRAYLINER MATERIAL

Chemical	Resistance Factor
Acetone	C
Dimethyl Formamide	NR
Gasoline, Unleaded	A
Brake Fluid	C
Methanol	A
5% Methanol / gasoline	B
Hexane	A
Hydraulic Oil	A
Motor Oil	B
Propylene Carbonate	C
Sulfuric Acid, Concentrate	NR
Sulfuric Acid 50%	NR
Sulfuric Acid 10%	B
Water	A

Code:
A = No Damage
B = Little Damage, discoloration
C = Some effect – swelling, discoloration, cracking
NR = Not Recommended

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