

We can line anything.

Witt Lining Systems' Koroseal Data Sheet

PRODUCT FEATURES:

- Designed to provide containment vessel protection in harsh corrosive environments.
- Produced from proprietary compound formulations that offer superior protection and performance proven over more than 35 years of experience.
- Longer service life and the associated reduction in overall life cycle cost of ownership in comparison to wet film coating applications.
- Process and storage chemical vessels can be expected to provide improved reliability and up-time.

DATA:

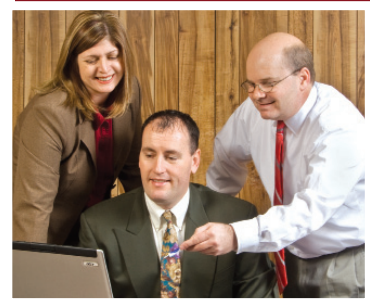
Physical Property	Typical Performance	Test Method
Hardness	91 ± 5	ASTM D-2240
Tensile	2500 psi ASTM	D-412
Ultimate Elongation	250%	ASTM D-412
Specific Gravity	1.255	ASTM D-792
Color	Black	Visual

These datum, which are believed to be reliable, are published for information use only as it is rarely possible to duplicate actual operating conditions in laboratory testing. Consequently, no guarantee, explicit or implied, is given that similar results will be obtained in actual operating conditions.



WHY CHOOSE WITT LINERS?

- Witt Lining Systems protect your containers from investment-eating corrosives and guard against costly containment leaks.
- All Witt Lining Systems are custom manufactured to your specifications.
- Witt Liners are fabricated to exacting tolerance to guarantee a proper and secure fit.
- Because we stock an extensive inventory of materials, we can provide rapid shipping in emergencies.



(L-R) Vice President Michelle Hotchkies,
President Andrew Hotchkies,
Vice President of Operations Jeff Raymond

Witt Lining Systems' Materials

EXCELINE PVC

Liner material:

- Virgin material – no fillers
- Acid/alkaline resistant
- Operating temperature range to 190°F
- Highly stable monomeric plasticizer contains low pH solutions such as: H_2SO_4 , HCl, HNO_3 , H_3PO_4 , and HF to 80% concentration and HF to 50% concentration.
- Available gauges: 20, 40, 60 mil, 3/32", 1/8" and 3/16"

Liner use & advantages:

- Storage and active tanks, waste treatment, floor liners and curtains.
- Plating tanks (Cu, Ni, Cr and precious metals).
- Galvanizers and anodizers use Exceline in pickling and rinsing tanks
- Resistant to most chemicals

SPECTRA BLUE PVC

Liner material:

- Lower cost formulation
- Factory seams dielectrically welded
- Gauges available: 60 mil., 3/32", 1/8", 3/16"
- Operating temperature range to 145°F
- UV resistant

Liner use & advantages:

- Primary or secondary containment
- Rinse tanks
- Floor areas
- Ambient or low temperature storage tanks
- Mild process solutions
- Low-temperature plating baths

KOROSEAL® TANK LINING

Liner material:

- Flexible
- Thermoplastic PVC
- Operating temperature range to 200°F
- Tear, abrasion, electrical resistant
- A flexible liner not needing adherence to sub-structure
- Available in 1/8" and 3/16" gauges

Liner use & advantages:

- High resistance to strong corrosives such as acids, alkalis and salts
- Tanks remain on line while being relined
- 3/16" gauge with LFP 'skirt' for chrome platers
- No adhesive necessary

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LFP 2100 SERIES

Liner material:

- Patented 100% cross-laminated fluoro-plastic of DuPont PTFE Teflon®
- Chemically inert
- Operating temperature range to 500°F
- 360° mechanical orientation
- Thickness (mils), 20 to 30 nominal
- Weight (oz./sq.yd.) 29-44
- Tensile strength (lbs./in.) 87x91 to 140x134
- Trap tear strength (lbs./in.): 93x101 to 157x140

Liner use & advantages:

- Electroless nickel plating – eliminate disposable liners, plate out is brushed off and filtered away, eliminates nitric leaching
- Expansion joints
- Skirt for hard chrome
- Eliminate down-time for tank pacification
- Eliminate cleaning with nitric acid

ADDITIONAL WITT MATERIALS

HP Koroseal, NSF-61 for potable water, oil-resistant, FDA, HDPE and other materials also available.



WITT LINING SYSTEMS' ACCESSORIES

LFP skirt for plating tanks
Provides up to 5x longer life than non-skirted liners. 12", 18", 24" available and custom

Liner clip
Witt invented design eliminates the need for rope fastening liners inside tanks

Overflow skimmers
Rigid pipe and bulkhead fittings

Manway
Access port usually installed at factory

Sump
Installed during liner fabrication

Welded in fittings
Installed at factory or in field, 60 mil., 1/8" and 3/32"

Bulkhead fittings
PVC, CPVC, Teflon® for PVC in sizes 1/2" to 6" Teflon® sizes: 3/4", 1", 1 1/2", 2".

Posi-flange – CPVC
Stainless steel nuts and bolts installed with valve or pump when mounted on immediate piping. No metal exposed to solution.



witt lining systems

WE CAN LINE ANYTHING.

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