

# TECHNICAL SHEET BUTYL RUBBER SEALANT



## APPLICATIONS

Sealant for concrete joints in: Manholes, Concrete Pipe, Vaults, Box Culverts, Septic Tanks, and Vertical Panel Structures.

## PHISICAL AND CHEMICAL PROPERTIES OF THE SEALANT

- Low to high temperature workability: 30°F to 120°F (-1°C to +48°C)
- Excellent chemical and mechanical adhesion to clean dry surfaces.
- Sealed joints will not shrink, harden or oxidize upon aging.
- No priming normally necessary. When confronted with difficult installation conditions, such as wet concrete or temperatures below 40°F (4°C), priming the concrete will improve the bonding action.

## IMMERSION TESTING

DESCRIPTION	SPEC	REQUIRED	ANELTEC BUTYL SEALANT
Colour			Black
Specific Gravity, 77°F	ASTM D71	1.15 - 1.50	1.25
Ductility, 77°F	ASTM D113	5.0 min	10
Penetration, cone 77°F, 150 gm, 5 sec.	ASTM D217	50 - 10 mm	55 - 60 mm
Penetration, cone 150 gm, 5 sec.	ASTM D217	40 mm min.	40 - 65 mm
Flash Point, C.O.C., °F	ASTM D92	350°F min.	450°F
Fire Point, C.O.C., °F	ASTM D92	37°F min.	475°F

**30-Day Immersion Testing:** no visible deterioration when tested in 5% Caustic Potash, 5% Hydrochloric Acid, 5% Sulfuric Acid, and 5% saturated Hydrogen Sulfide.

**One Year Immersion Testing:** no visible deterioration when tested in 5% Formaldehyde, 5% Formic Acid, 5% Sulfuric Acid, 5% Hydrochloric Acid, 5% Sodium Hydroxide, 5% Hydrogen Sulfide, and 5% Potassium Hydroxide.