

TECHNICAL DATA SHEET - HYDRA FLEX

Non-Toxic Sealant for Potable Water Systems
- NSF Standard 61 Certified

Applications

For concrete joints in: Drinking Water Cisterns and Potable Water Systems.
Not intended for use in expansion joints or joints that move.

Sealing Properties

- Provides permanently flexible watertight joints
- Excellent adhesion and structural integrity.
- Bonds well to most surfaces, including: Concrete, Fiberglass, Metal, Plastic and aluminum.
- Sealed Joints will not shrink, harden or oxidize upon aging.
- Controlled flow resistance for application ease.
- Low to high temperature workability: -7°C to +48°C
- Rugged service temperature: -34°C to +93°C
- Can only be used on freshly poured concrete.



Physical Properties

Description	Spec	HyDra Flex
Color		Black
Specific Gravity, 25°C	ASTM D71	1.35-1.50
Volatile Matter % by weight	ASTM D6	1,2 %
Penetration, cone 25°C 150 gm, 5 sec.	ASTM D217	60-70 mm
Penetration, cone 0°C 150 gm, 5 sec.	ASTM D217	50-55 mm
Flash Point, C.O.C., °C	ASTM D92	218°C
Fire Point, C.O.C. °C	ASTM D92	232°C
Ductility, 25°C	ASTM D113	15.0

Toxicity Evaluation

HyDra Flex has been certified by The National Sanitation Foundation International (NSF) to conform to the requirements of ANSI / NSF Standard 61 (Drinking Water System Components) Section 6. Joining and Sealing Materials.