QUIK-SHIELD 252

High Performance Tank Foam

QUIK-SHIELD® 252 is a low viscosity, two component, closed-cell, spray-applied, rigid polyurethane foam insulation. The high performance foam is specifically created for continuous extreme in-service temperatures ranging -60-250˚F (-51-121˚C) on tanks, pipelines, and other storage devices. QUIK-SHIELD 252 is formaldehyde free and is low VOC.

TYPICAL PHYSICAL PROPERTIES

	PROCEDURE	VALUES
Core Density (lb/ft³)	D-1622	1.8-2.3
Water Vapor Permeance (perms/in)	E-96	.93 at 1.2"

RELATIVE INSULATION VALUES

K-factor at 1"	6.6
R-value at 1"	6.0

RECOMMENDED STORAGE AND SHELF LIFE

- Storage temperatures 50-100°F (10-38°C) See back for preconditioning of material.
- 6 month shelf life (resin) 12 month shelf life (iso) from date of manufacture (unopened containers).
- Keep container tightly sealed.
- Store out of direct sunlight, in a cool dry place, avoid freezing.

APPROVALS/COMPLIANCE

QUIK-SHIELD® 252 meets oil industry standards for continuous hot & cold face temperature line insulation specifications -60-250˚F (-51-121˚C).

PROCESSING

Mixing	1. Mixing of B-Side (resin) is not required. 2. Mixing of A-Side (iso) is not required.
Pressure Settings	3. Product should be sprayed with a high pressure plural-component proportioner capable of a minimum of 1000psi dynamic pressure. 4. Static pressure is typically set between 1100-1400psi. 5. Dynamic pressure typically operates at a minimum of 1000psi.
Temperature Settings	6. Primary heaters and hose heaters are typically set between 120-140°F (49-60°C). Higher temperatures are utilized in winter months, lower temperatures are utilized in summer months.

Proper application temperature setting is the responsibility of the end user. Equipment temperature varies and can be dependent on equipment, hose length, elevation, ambient temperature, substrate temperature, humidity, and other factors. If additional information is required contact
SWD Technical Support at 888-380-2022.

APPLICATION

1. Substrate temperature: 50-250°F (10-121°C)
2. Substrate surfaces must be free of moisture, oil, grease, dust and debris.
3. Foam exposed to ultraviolet or sunlight must be coved by an approved acrylic, silicone, or urethane coating.
4. When changing between different resin systems, flush adequate amount of material through the gun to clear hose lines of previous material.

CLEANING AND MAINTENANCE

1. Spray equipment must be maintained in proper operating condition. Failure to adequately maintain spray equipment may result in poor product performance. Refer to your equipment manufacturer's maintenance procedures for more details.
2. Contact SWD for long-term equipment storage recommendations.

HEALTH & SAFETY

SWD Urethane is committed to the health and safety of our customers. QUIK-SHIELD® products shall only be installed by a SWD Urethane certified contractor. Applicators are required to follow all proper handling, safety and installation procedures. For more information consult the product SDS, contact the SPFA (www.sprayfoam.org) or the ACC (www.spraypolyurethane.org).

The information herein is believed to be reliable; however, unknown risks may be present. SWD Urethane makes no warranty, expressed or implied, concerning this product's merchantability or fitness for any particular use. The product will meet the written liquid component specifications as indicated on the technical data sheet published at the time of the purchase. The entirety of SWD Urethane's responsibility is limited only to the cost of the SWD material. The foregoing constitutes SWD Urethane's sole obligation with respect to damages, whether direct, incidental or consequential, resulting from the use or performance of the product.

Safety is the responsibility of the owner, the owner's appointed representative, the contractor, and/or inspector. Become familiar with local, state, and federal regulations regarding chemical health, safety, and handling. For more information consult the product SDS, contact the SPFA (www.sprayfoam.org) or the ACC (www.spraypolyurethane.org).