



WINDOW & DOOR PRO Expanding Polyurethane Foam Sealant-GUN

TYTAN WINDOW & DOOR PRO is innovative one-component polyurethane gun foam specially formulated for economical filling, insulating and sealing around windows and doors. The specifically engineered, low pressure, low expansion formula eliminates bowing of frames while filling gaps with a secure and energy efficient seal. TYTAN'S WINDOW & DOOR PRO's excellent thermal insulating properties are more efficient, labor friendly and provide a more effective energy seal than fiberglass insulation. TYTAN WINDOW & DOOR PRO is environmentally friendly, contains no CFC's or HCFC's and it is UL Classified.

FEATURES

- Professional low pressure, low expansion formula to fill, seal and insulate between window and door frames and their rough opening
- Expands to fill gap without bending or bowing window and doors frames.
- Bond and seals to popular construction materials, wood, concrete, plaster, etc. controllable, quick and efficient application
- Repels and deflects moisture
- Durable airtight seal - bonds, stops air infiltration and loss
- High long term insulation value - increases energy efficiency
- Easier to transport and use than fiberglass
- Excellent for interior and exterior window & door installations



TECHNICAL DATA

Base	polyurethane	
Type	foam sealant	
Appearance	foam	
Color	yellow	
Odor	odorless when cured	
Application temperature	40°F- 90°F	
Can temperature	min. 40°F	
Service temperature after curing	-76°F to 212°F	
Drying time	tack-free 7 min. (74°F, RH 50%)	
Cutting time 1"	30 min., max 24 hrs (74°F, RH 50%)	
Cure time	in 6 hrs (74°F, RH 50%), fully cure after max 24 hrs	
Density	1,12-1,37 lbs./cu. ft.	
Shrinkage	less than 3% in (74°F, RH 50%) after first 24 hrs.	
Water absorption	2% after first 24 hrs then waterproof	
Compression strength	3 PSI	
Tensile strength	15 PSI	
% Closed cell content	up to 50%	
Thermal Conductivity	0.036W/mK	
Solvent before cure	acetone	
Yield can 24 oz.	1/2"	1,100 ft
	3/8"	2,000 ft
	1/4"	4,500 ft
Volume 24 oz.	1/2"	1.5 cu ft
	3/8"	1,700 ft
	1/4"	3,000 ft
Yield can 32 oz.	1/2"	1,700 ft
	3/8"	3,000 ft
	1/4"	6,500 ft
Volume 32 oz.	1/2"	2.3 cu ft
	3/8"	
	1/4"	

- UL Classified 75 NN R-20556
Flame Spread: 10
Smoke Developed: 20
- NFPA 30B Classification: Level 3 Aerosol



EXPANDING FOAM SEALANT - GUN APPLICATION



APPLICATION INSTRUCTIONS

• Preparation

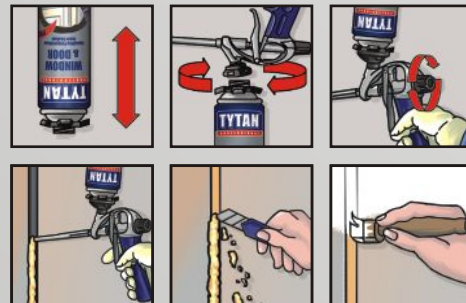
1. Product **FLAMABLE DURING DISPENSING**. 2. Wear protective clothes, gloves and eye protection. Use only in well ventilated area or wear approved respiratory equipment. Contact and application areas should be dry, clean, free of dust, oil, grease or any foreign objects, debris and contaminants that could interfere with proper adhesion. Clean and degrease surface with TYTAN™ Cleaner, acetone, isopropanol, ethanol (metals, glass) or detergent (plastics), and let it dry completely. Surfaces must be sound and in good condition. It is recommended to lightly spray surfaces with water prior to applying foam to increase expansion and curing properties. 3. For best results and maximum yield apply at temperatures 60°F to 90°F. Use below 40°F is not recommended. 4. Shake the can vigorously for 30-45 seconds before attaching to recommended TYTAN Foam Gun and between uses. 5. Remove protective cap, invert can and screw the can firmly onto the recommended TYTAN gun - do not over tighten.

• Application

1. Keep the can inverted during the application. 2. Point gun in safe direction and slowly pull trigger to test dispense foam. Adjust knob on gun handle to get desired application flow. 3. Fill cavities approx 50% to allow foam to expand after application. 4. Cracks wider than 2" should be filled gradually in layers. Trim excess foam with sharp knife or serrated edge. Cured foam can be sanded, painted or stained (not before 24 hrs. after use). Cured foam discolors and loses stability and properties when exposed to UV light, paint or coat exposed foam for best results. 5. Do not leave TYTAN Foam Gun attached if not in use for 15 minutes or longer. 6. If not used for 10 or more minutes shake vigorously between uses. 7. When not in use, gun valve should be cleaned with TYTAN CLEANER.

• Cleaning

1. Clean foam gun thoroughly with TYTAN CLEANER immediately after use to prevent foam from hardening in gun. 2. Uncured foam - clean immediately with TYTAN CLEANER or acetone. 3. Cured Foam - if hardened on skin - use an industrial cleaner with pumice. Repeat process until foam is removed. Cured foam must be mechanically removed or allowed to wear off in time.



LOGISTIC INFORMATION

Product Code	Size	Packaging	Case Pack
0793	24 oz. (680g)	Aerosol can	12
0794	32 oz. (910g)	Aerosol can	12

SHELF LIFE AND STORAGE

When stored properly, shelf life is **at least 18 months** from production date, printed on the bottom of each can. Store upright in cool and dry area at temperatures 40°F to 80°F. Do not expose to open flame or temperatures above 120°F. Keep away from open flame.

SAFETY AND WARRANTY

SAFETY: HARMFUL CONTENTS UNDER PRESSURE. Contents may burst if left in areas susceptible to extremely high temperatures. Do not place in Hot water. DO NOT PLACE OR STORE IN A CLOSED AREA SUCH AS A CAR. USE ONLY IN WELL VENTILATED AREAS. AVOID CONTACT WITH SKIN OR EYES. WEARING PROTECTIVE EYEWEAR AND GLOVES IS RECOMMENDED. DO NOT BREATHE VAPOR/SPRAY. DO NOT INCINERATE, PUNCTURE, OR EXPOSE CAN TO DIRECT SUNLIGHT FOR LONG PERIODS OR STORE AT TEMPERATURES OVER 120°F.

KEEP OUT OF REACH OF CHILDREN.

FIRST AID: In case of eye contact, flush **immediately** with water for 15 minutes and **get medical help**. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, **get medical help**. If swallowed, drink large quantities of water. **DO NOT** induce vomiting. **GET PHYSICIAN ASSISTANCE IN ALL CASES.** Cured foam is not harmful to health.

INGREDIENTS: polymeric diisocyanate, polyols, hydrocarbon gas mixture.

Always read all operating, application and safety instructions before using any products from Selena USA, Inc. Use in conformance with all local, state and federal regulations and safety requirements. Read all product directions and safety information before use.

DISPOSAL OF PRODUCT AND CONTAINERS

Each person, firm or corporation engaged in the application, installation disposal or any other use of these materials shall carefully determine where is potential hazard associated with such products in specific usage, and utilize all appropriate precautionary and safety measures as outlined in local, state and federal regulations governing the use or disposal of product or empty containers.

LIMITED WARRANTY

Selena USA, Inc warrants its products to be free of manufacturing defects due to workmanship and materials for the duration and in accordance to the conditions stated in the individual Technical Data Sheets. This warranty is limited to the replacement of the product when such product proves to be defective in manufacture. This express warranty will only apply if the product is stored as specified and used in accordance for its intended purposes. It does not apply to failures due to improper application.

The company shall not be liable, in any event for any incidental, consequential, special or indirect damages or damages to a structure or its contents from any cause whatsoever. This warranty may not be modified or amended by any employee, representative agent or customer of Selena USA, Inc. This warranty is exclusive and is in lieu of all other warranties, express, or implied, including any implied warranty of merchantability or fitness for particular purpose. Exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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