

# STANLEY® F 905 FOAM SEALANT GAPS & CRACKS™



## DESCRIPTION

STANLEY F 905 FOAM SEALANT GAPS & CRACK is a one component, moisture curing, polyurethane foam sealant which expands to fill, seal and insulate wider gaps, joints and cavities. It does not contain harmful propellant gasses that can harm the ozone layer. It expands to take the shape of the cracks and forms a long-lasting, airtight and water-resistant seal.

## PRODUCT FEATURES

- One component, fast curing, easy to use, paintable and sandable polyurethane foam sealant
- Multipurpose, interior, and exterior applications
- Excellent adhesion, filling capacity, and high thermal and acoustical insulation
- Provides reliable mounting capacity and stability
- Adheres well to most building materials, except for surfaces like polyethylene, Teflon®, silicone, and surfaces contaminated with oils, greases, mold release agents, or similar substances
- Resistant to mold and water

## APPLICATIONS

- Ideal for filling and sealing gaps, joints, and cavities
- Suitable for filling gaps in walls
- Suitable for insulating electrical outlets and water pipes
- Suitable for fixing and insulating door and window frames

## PRODUCT INFORMATION

PACKAGING	Net 24 Oz. / 680 gr / 750 ml
	12 pcs in box
SHELF LIFE	15 Month
STORAGE	In a cool and dry environment, between +41°F to +86°F. max. 60% relative humidity.

## DIRECTIONS FOR USE

- **SURFACE PREPARATION:** Substrates must be clean, dry, and free from dust, grease, rust, and other contaminants that may affect adhesion. Moisten substrates slightly before use as this improves adhesion and finished cell structure of the foam.
- **PRODUCT PREPARATION:** The optimal PU foam canister temperature should be between 41°F - 86°F. (optimal recommended temperature 68°F). In case of exceeding the allowed canister temperature limits, a conditioning process should be applied.
- **APPLICATION METHOD / TOOLS:** Protect eyes, put on protective gloves and protective gear. Remove cap and screw the straw firmly onto the valve. Shake the canister vigorously prior to use at least 20 times. To apply foam, turn the canister upside down and press the adaptor. Always handle the canister with the valve pointing downwards. Moisturizing the surfaces and the foam improves adhesion and shortens curing time. Fill vertical gaps with foam starting at the bottom and moving up. Do not fill the entire gap, as the foam will expand.
- **TOOLING AND FINISHING:** Immediately after the foam has fully hardened, protect it from UV rays by using plaster or paint. To avoid foam drying in the applicator, it is recommended to use the entire can without stopping for more than 5 minutes between sprays.
- **CLEANING:** Fresh foam can be removed immediately with Foam Cleaner. After curing surplus foam can be removed with a knife or spatula and the foam surface can be finished.

## LIMITATIONS

- The curing mechanism is dependent on temperature and humidity. If the ambient temperature drops below the minimum application temperature within 24 hours after application, it may affect the quality and effectiveness of the seal, yield and curing time.
- Improper surface preparation can cause irreversible changes in the foam structure and stability.
- The quality and technical condition of the applicator used can affect the final product's performance.
- Avoid using the foam in poorly ventilated spaces, areas without fresh air circulation, or places exposed to direct sunlight.
- The foam should be applied with the valve facing down to maximize its efficiency.
- Cured foam may discolor when exposed to ultraviolet light.
- For outdoor applications, it is recommended to paint or coat the cured foam for optimal results.
- Product must be stored vertically, not horizontally on its side.



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## KEY FEATURES

- WIDER GAPS, JOINTS AND CAVITIES
- HIGH YIELD FOAM SEALANT
- EXCELLENT ADHESION





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- When storing foam dispensing applicators with foam cans attached, be sure to store with the can valve pointing downwards.
- Storing the can upright may cause propellant to leak from the foam applicator and become inoperative.

### TECHNICAL DATA

PARAMETER	TEST METHOD / CONDITIONS	VALUE
BASIS		Polyurethane
CURING MECHANISM		Moisture Cure
CURING TIME		24 hours
FOAM COLOR		Light Yellow
FIRE BEHAVIOUR	DIN 4102-1	B3
COMPRESSION STRENGTH	DIN 53421 – TM 1011 : 2013*	4.35 psi (30 kPa)
DIMENSIONAL STABILITY	ISO2796/86 – TM 1004 : 2013*	±10%
TACK-FREE TIME	ASTM C1620 – TM 1014: 2013*	7±3 min
CUTTING TIME	ASTM C1620 – TM 1005: 2013*	≤40 min
R VALUE		~4.1 per in.
UL SCORE	UL 723	Flame Spread: 10
		Smoke Developed: 20
CANISTER/APPLICATOR TEMPERATURE	Optimal 68°F	Between +41°F and +86°F
TEMPERATURE RESISTANCE	Cured Foam	Between -103°F and +239°F
APPLICATION TEMPERATURE	Ambient and surface	Between +41°F and +86°F

### SAFETY


Contains Diphenylmethane-4,4'-Diisocyanate. Harmful if inhaled. Irritating to the eyes, respiratory system, and skin. Avoid breathing the spray/vapor. Wear suitable protective clothing and gloves. Use only in well-ventilated areas. Pressurized container. Keep away from direct sunlight and do not expose to temperatures over 122°F. Do not puncture or burn, even after use. Keep away from sources of ignition and do not smoke. Keep out of the reach of children.

### DISCLAIMER

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### BEST TO USE WITH

	SKU NUMBER	PRODUCT NAME
	SXPF3014-01	T244 Special Care Foam & Gun Cleaner