

LionGUARD Seam Tape

LionGUARD Seam Tapes are a butyl sealer used for bonding various roofing membranes together in typical seam applications in the roofing industry. Long term heat and chemical gives LionGUARD Seam Tape the ability to remain flexible in harsh conditions. Surpassing the industry standards for tack and shear strength our products provide superior holding power for long life and high durability. Used with typical roofing membranes such as EPDM, TPO and some PVC membranes seam tape allows for quick installation without hot air welders. Membranes must be cleaned with LionGUARD Tape Primer before application. Available in White or Black.

SEAM PART NUMBERS

3035-25	3" x 25'	12/ctn	4035-25	4" x 25'	6035-25	6" x 25'
3035-5	3" x 50'	8/ctn	4035-5	4" x 50'	6035-5	6" x 50'
3035	3" x 100'	4/ctn	4035	4" x 100'	6035	6" x 100'

APPLICATION

Always clean membranes before installation of tape products. Overlap membrane according to size of tape. Install tape into seam leaving release paper on the tape. Use steel roller before pulling release paper off.

LIFE EXPECTANCY

Indefinite, actual weather exposure & accelerated testing indicates that hardening, shrinking, cracking, drying or loss of adhesion will not occur.

STORAGE

Resistant to: Weather, water & water vapor, (5%) acidic or basic solutions

Effected by: Petroleum, grease, solvents, vegetable or mineral oil, animal fats

Store in: Store in warehouse without excessive heat. DO NOT store long term on the roof. Excessive heat will promote curing even while in the box.

TECHNICAL DATA

Thickness: 35 mil

Density (lb/gal): 9.19

Flashpoint (TCC): >240 C

Odor: Slight

Volatile, % by Volume: <99.9%

Penetration (ASTM D 217) : 100/130 mm

Adhesion: To most clean, dry substrates/surfaces

Unreinforced 45 mil EPDM (typical)

Shear Strength	ASTM D816	15-30 PSI min (1)	Increasing with age
Peel Strength	ASTM D413	5-10 PLI min (1)	Increasing with age

Reinforced 45 mil TPO (typical)

Shear Strength	ASTM D 816	30-50 PSI (1)	3-8% Increase with age
Peel Strength	ASTM D 413	15-20 PLI (1)	3-8% Increase with age

1. Testing done with adhesive adhered on both sides to smooth EPDM/TPO membrane. Cleaned with quick clean splice cleaner. Samples aged for 24 hours @ 70 C prior to testing. Instron speed 10"/min.

NOTE: TECHNICAL INFORMATION AND DATA SHOULD BE CONSIDERED REPRESENTATIVE OR TYPICAL ONLY AND SHOULD NOT BE USED FOR SPECIFICATION PURPOSES.

User's Responsibility

This Product Information cannot cover all possible situations, which the user may experience during processing. Each aspect of your operations should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation

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