SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

현장을 이해하고, 필요한 솔루션을 연결합니다.

산업안전 · 추락방지 시스템
산업용 소재 · 건축자재
제품 제안부터 공급·시공·설치·교육까지



COMPANY INFORMATION

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TECHNICAL DOCUMENTS

인증서 · 데이터시트 · 기술자료

제품의 규격과 성능, 인증 및 적용 조건을 확인하기 위한 자료입니다.

ABOUT SNAPSHOOT

제품 공급을 넘어, 현장에 맞는 해결책으로

스냅슛은 산업현장의 작업 환경과 요구 조건을 바탕으로
적합한 제품과 시스템을 제안합니다. 현장 실사를 통해 설치 조건을 확인하고,
공급부터 시공·설치 및 사용 교육까지 필요한 과정을 함께합니다.

추락방지 시스템

안전대부착설비 · 수평·수직 라이프라인
레일 시스템 · 리지드 포스트

밀폐공간 진입·구조 솔루션

데빗암 · 삼각대 · 구조용 윈치
윈치 안전블록 · 구조장비

산업안전 보호구

전신형 안전대 · 랜야드 · 안전블록
작업 환경에 맞춘 개인보호구

산업용 소재·건축자재

산업용 테이프 · 접착제 · 기능성 소재
구조용 스크류 · 목조건축 자재

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시공사례 바로가기 →
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본 페이지는 스냅슛의 자료 제공 안내용 표지입니다. 첨부된 인증서 및 기술자료의 발행 주체, 인증 대상과 적용 범위는 해당 원문을 기준으로 확인해 주세요.



English-US

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Technical Data Sheet

3M™ High Performance Masking Tape 231/231A

Product Details

Product Description

3M™ High Performance Masking Tape 231/231A is a premium high performance crepe paper masking tape designed to perform well in most industrial painting situations, including the use of bake cycles. This smooth to the touch masking tape, embodies all the features that are desirable of a paint masking tape and designed specifically for the professional painter. 231A designation was added 12/04 for the Aerospace market.

Product Features

• Can be qualified for ASTM D-6123 (replaces obsolete PPP-T-42C, Type I, (CID-A-A-883B).
• Rubber adhesive with instant adhesion that sticks easily and allows fast application.
• Good holding power that resists lifting or curling that helps reduce rework.
• Superior adhesive transfer resistance with clean removal that helps reduce rework.
• Smooth mini-crepe backing results in excellent surface contact with very secure holding.
• Excellent conformability and easy handling that reduces time involved in application.
• The backing is solvent and moisture resistant that helps reduce bleed-through minimizing rework.
• The backing has excellent dead stretch for minimal recovery that reduces rework.
• Easy to tear backing aids in handling, yet strong enough to resist slivering giving one piece removal to help reduce labor.
• Special backsize treatment gives a balanced unwind that helps reduce waste.
• Paint flake resistance that reduces rework due to contamination, results in a quality paint job.
• Designed for indoor use only as it should not be subjected to outdoor exposure for prolonged periods of sunlight as the tape may become very difficult to remove. Best results are obtained if applied and removed within 24 hours.

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Attribute Name	Test Method	Value
Color		Tan
Adhesive Type		Rubber
Backing		Smooth mini-crepe paper, treated with a heat resistant saturant.
Total Tape Thickness	ASTM D3652	0.19 mm (7.6 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	4.1 N/cm (38 oz/in) [1]
Elongation at Break	ASTM D3759		10 %
Tensile Strength	ASTM D3759		49 N/cm (28 lb/in)
Short Term Temperature Resistance			Removes cleanly after 30 minutes up to 149 °C (Removes cleanly after 30 minutes up to 300 °F) [2]

[1] 304 mm/min (12 in/min)
[2] Short Term (minutes, hour)

Handling/Application Information

Application Examples

3MTM High Performance Masking Tape 231/231A is well suited for painting on automobiles, aircraft, trucks, boats and painting of fabricated parts.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	55 m (60 yd)

Information

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ISO Statement

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