



レーザーアライメントペーパー

メーカー名 : Zap-it Corp.


■ 黒一面タイプ

	型式	サイズ	枚数	価格 (税抜き)	納期
	Z-48	4インチ×8インチ (厚さ : 0.11mm)	50枚入り/袋	15,200円	販売終了

	型式	サイズ	枚数	価格 (税抜き)	納期
	Z3T-48-50	4インチ×8インチ (厚さ : 0.25mm)	50枚入り/袋	16,000円	在庫あり

	型式	サイズ	枚数	価格 (税抜き)	納期
	Z-25	2インチ×5インチ (厚さ : 0.11mm)	75枚入り/箱	13,200円	在庫あり

■ 黒面に白グリッド (格子状2mm 間隔) タイプ

	型式	サイズ	枚数	価格 (税抜き)	納期
	ZG-48	4インチ×8インチ (2mm Grid)	50枚入り/箱	16,200円	在庫～2週間

※本タイプの無償サンプルは有りません

■ 仕様 (共通)

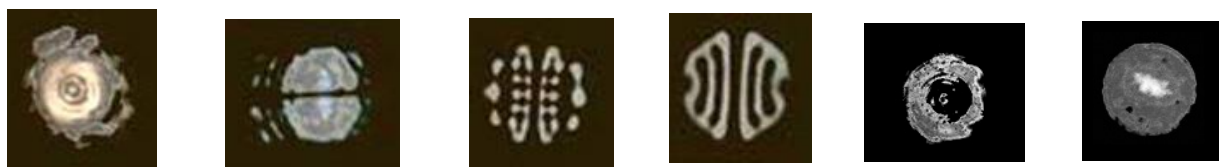
使用可能波長	使用可能パワーレベル	使用可能パルス幅
UV～IR	5mJ/cm ² ～20J/cm ²	1nsec～30msec

格子



ザップイット社のレーザーアライメントペーパーZAP-ITは、UVからIRまでのパルスレーザーのバーンパターンのプロファイルを簡単に確認できます。その他にレーザー機器のビームアライメントにもお役に立て頂けます。レーザーがCWの場合は、チョッパー等により擬似的パルス光にしてご使用頂けます。

■ バーンパターン例



2020.04.02





Material Safety Data Sheet

ZAP-IT® Laser Alignment Paper

ZAP-IT® alignment paper, sold by Zap-It Corporation, meets the definition of an article in the OSHA Hazard Communication Standard (29 CFR 1910.1200(c)):

“Article” refers to a manufactured item: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependant in whole or in part upon it’s shape or design during end use; and (iii) which does not release, or otherwise result in exposure to, a hazardous chemical, under normal conditions of use.

Articles are exempt from the requirements of the Hazard Communication Standard (see 29 CFR 1910.1200 (b)(6)(iv)).

ZAP-IT®, sold by Zap-It Corporation, contains the substance listed below. The primary health and safety hazard in handling or disposal of Zap-It Corporation components is the potential for injury from fire, burning or inhalation.

Paper: Fiber Paper

Health Hazard Information includes the following:

Inhalation: Inhalation of smoke caused by laser beam hitting ZAP-IT® *should be avoided.*

Skin: No danger

Eyes: ZAP-IT® *poses no threat to the eyes.*

Laser protective eyewear should be worn at all times when operating a laser.

Oral: Ingestion is to be avoided.

Personal Protective Equipment: No protective equipment is necessary other than laser eyewear.

Note: A poly bag can be used to cover ZAP-IT® and trap any smoke or residuals from the laser beam hitting the paper. Using a poly bag will minimize smoke and protect the optics in the laser system.

Like most films and resin-coated papers they are no more hazardous than other celluloid, wood or fabric materials of equivalent shape and weight. The following discusses the combustion characteristics of ZAP-IT® Laser Alignment Paper.

ZAP-IT® Laser Alignment Papers have a burning rate equal to or less than other cellulose-base products of similar thickness. Tests of resin-coated paper show that the presence of emulsion and polyethylene layers retard the burning rate. The flame-retarding rate of the surface coatings decreases as the thickness of the paper stock increases. Adhesion to a mounting board or a wall increases the amount of thermal energy required for ignition, and also retards the rate at which flames spread.

When the cellulose in ZAP-IT® Laser Alignment Paper burns, it can produce carbon dioxide, carbon monoxide, water and many organic compounds, some of which may be irritants. The principal toxic compound is carbon monoxide; its concentration varies with the burning conditions.