

Chemical Resistance

Housing and Lenses

SOLVENCY

	9860/9820 Chemical Proof	9850/9810 Chemical Resistant	ABS Chemical Resistant
ORGANIC SOLVENTS			
Heptanes	X		
Acetone	X		
Methyl Ethyl Ketone (MEK)	X		
Ethyl Acetate	X		
Methylene Chloride	X		
Ethylene Glycol	X		
AROMATICS			
Benzene	X		
BASES			
Ammonium Hydroxide	X		
Potassium Hydroxide	X	X	
Sodium Hydroxide	X	X	X
ACIDS			
Hydrochloric Acid	X	X	X
Sulfuric Acid	X	X	
Acetic Acid	X	X	
ALCOHOLS			
Ethyl Alcohol	X		
Methyl Alcohol	X	X	
Isopropyl Alcohol	X	X	
HALOGENATED HYDROCARBONS			
Freon's: TF f & TE	X	X	
AUTOMOTIVE LIQUIDS			
Gasoline	X	X	
Gasohol	X	X	
Diesel Fuel	X	X	
Kerosene	X	X	
Antifreeze	X	X	
Hydraulic Fluid	X	X	
Transmission Fluid	X	X	
Lubricants	X	X	X
Bug and Tar Remover	X	X	X
OTHERS			
Mild Soap Solutions	X	X	X
Turpentine	X	X	
Naphtha	X	X	
Salt Solution	X	X	X
Cola	X	X	X

All NIGHTSTICK dual-mode multi-function lights utilize housings made from advanced engineered polymers. This approach allows for maximum design flexibility where size, shape and weight are optimized to produce a professional lighting product that is ergonomic in shape while providing high resistance to impact and exceptional resistance to chemicals.

Engineered polymers are more technically advanced than conventional metal tube housings which are susceptible to housing distortion due to denting. NIGHTSTICK intrinsically safe models are offered in chemical proof or chemical resistant housings.

The NIGHTSTICK chemical resistance chart shows the product's resistance to various chemicals with increasing solvency (the ability to affect the integrity of the housing).

WORKPLACE APPLICATION EXAMPLES

Chemical Proof

- Aviation fuel cell inspection and maintenance
- Chemical production and storage tank inspection and maintenance
- Manufacturing processes utilizing high-solvency chemicals

Chemical Resistant

- Automotive repair and maintenance
- Manufacturing processes utilizing low-solvency chemicals
- Any application where high-solvency chemicals are not present

This information is intended as a guide only.