

PLASTIC CONNECTORS and Accessories

When utilizing our Non-Electric Shock Tube Systems for explosive operations, the addition of accessories aids in the speed of deployment, integration, and ultimate reliability of the system. EBAD supplies plastic connectors such as bunch blocks, raptor combo connector, as well as the M81 firing device for initiating shock tube and safety fuse.

APPLICATION:

The use of plastic connectors provides a quick and reliable connection from the detonator to the charge. These connectors remove variation in connections associated with soldier adaptation using tape, clips, rope, and other carried items. The use of the connectors will decrease the fragmentation compared to some heavier connectors.

- Military demolition
- Minefield clearing
- Obstacle breaching
- Range clearance
- Explosive ordnance disposal
- Explosive testing

M81 FIRING DEVICE APPLICATION:

The M81 firing device is a mechanical safe and arm application used to initiate shock tube or safety fuse. The device contains an in-line primer for reliable initiation.





- The M81 can be field attached on to shock tube/fuse or factory installed
- Ability to reset
- The assembly is waterproof up to 20 m

OPERATION:

The plastic connectors function as a quick, reliable interconnect between explosive devices and assemblies. When the shock tubes initiated, the accessories become nonhazardous inert material.



PLASTIC CONNECTORS AND ACCESSORIES TYPES:

	M81 — Connected to shock tube or safety fuse for reliable initiation utilizing two mechanical safe and arm methods.
	Raptor Combo Connector — Also known as Raptor Clip, provides a solid connection between blasting caps and detonation cord for either a single or dual initiation system in the least amount of time. Raptor Combo Clips replace less reliable and more time-consuming methods of attaching the initiation system to the charge. This is the same clip used on EBAD's IFD II.
	Bunch Blocks — Bunch blocks interconnect detonators to detonating cord or shock tube. Designed to hold the detonator in position at the crimp and have a second door to gather and hold detonating cord or up to 5 lines of shock tube. The plastic connector can be reopened without damage. Bunch blocks are a factory-installed or field-installed option.
	Detonating Cord Connectors ("Red Devils") — Connectors for easy 90° connection of detonating cords. Connectors are a field-installed accessory option made of plastic.



Raptor Clip



Bunch Blocks

ENSIGN-BICKFORD AEROSPACE & DEFENSE COMPANY
640 HOPMEADOW STREET, P.O. BOX 429, SIMSBURY, CT 06070, USA www.EBAD.com

SKIN-PACK® is a registered trademark of EBAD.

Attention: The information and recommendations described in this brochure cannot possibly cover every application of the products or variation of conditions under which the products are used. The recommendations herein are based on the manufacturer's experience, research and testing. They are believed to be accurate, but no warranties are made, express or implied. In addition, the specifications contained herein are all nominal which represent our current production. The products described may be subject to change. Please feel free to contact Ensign-Bickford Aerospace & Defense Company for verification. No Warranties or Liabilities: THE PRODUCTS DESCRIBED HEREIN are sold "AS IS" and without any warranty or guaranty, express, or implied, arising by law or otherwise including without limitation any warranty of merchantability or fitness for a particular purpose. Buyer and user agree further to release and discharge seller from any and all liabilities whatsoever arising out of the purchase or use of any product described herein whether or not such liability is occasioned by seller's negligence or based upon strict products liability or upon principles of indemnity or contribution. Content©2021 Ensign-Bickford Aerospace & Defense Company, Simsbury, CT 06070, U.S.A.