

WORK DESIGNATION:	Training Manikin
GENERAL USE:	For use in emergency training
WEIGHT CAPACITY:	55 kg / 121 lbs maximum

The Ferno FRED Training Manikin is designed for use in emergency training drills wherever it is necessary to simulate the weight of a casualty. These equipment notes are intended for guidance purposes only.

Filling Suggestions

The Ferno FRED has a recommended maximum weight of 50 kg (110 lbs). There is no single specific method for filling the FRED. The method can vary depending on the weight required and the budget of the end user.

Whatever method is used, Ferno recommends equal weight distribution to better represent a human body.

Various filling methods known include:

- Rags
- Foam cubes or pieces
- 3:1 or 4:1 mixture of saw dust and clean washed sand, with rags stuffed into FRED's feet and hands
- Recycled rubber pellets with a diameter of 2.5 mm (1/10") to 4 mm (1/5")

Handling Suggestions

During pick-up drill and training exercises, a minimum of two competent and able-bodied people should be employed when moving or positioning FRED.

Extreme caution should be taken when using FRED above ground, in at height scenarios. A full body harness or similar should be used to prevent falling.

When training with the FRED, be sure that all personnel are fully prepared for the manikin's weight before passing on or assuming the weight of the manikin.

FRED is not designed for abuse such as dropping from heights or dragging over rough terrain.

FRED is not designed to be exposed to fire, excessive heat or hazardous substances.

Damage and Repair

FRED is made from RipStop UV-resistant PVC material. Repair of small tears and cuts should be performed by local vinyl or canvas repair shops. FRED should be retired and disposed of if large tears or critical damage is sustained.



- DO NOT drop, drag or abuse FRED
- DO NOT expose FRED to fire, excessive heat or hazardous substances

Care and Maintenance - Before and after use

Visually inspect FRED as follows:

- Check for tears, cuts or holes that might interfere with rescuer handling
- Check manufacturing seams and ensure nothing has come unstitched or is worn or fraying
- Check for foreign objects that may interfere with rescue handling
- Check legs, arms and head are secured and not likely to fall apart during rescue, particularly at height

General Cleaning

FRED is made from RipStop UV resistant PVC material which can be cleaned down with most non-caustic household cleaning materials. To clean FRED, wipe down with moist cloth and warm, soapy water. Do not hose or immerse FRED in water unless internal fill will be unaffected by moisture. Allow FRED to dry in a shaded, airy place away from direct heat.

Decontamination after Use

If FRED has been exposed to hazardous substances, the exterior and internal stuffing must be decontaminated or disposed of following local hazmat protocols.