



MRE - HALAL Meals-Ready-to-Eat / Military Rations / Meals Combat Individual

ALS Supplier **manufactures** HALAL M.R.E. (All Item Certified HALAL) ration packs to your specification at very competitive prices.

A wide variety of menu entrees including:

- Cooked / Uncooked rice
- Meat with / without gravy
- Rice and meat
- Pastes
- Pasta, noodle etc.
- Steak
- Other customizable combinations!



M.R.E. Field Ration packs

For every nation's army and disaster victims.
Comes with our FRH flameless ration heaters

Customize your own ration packs with us! Our military food specialists will provide nutritional specifications!

HACCP and HALAL certified, suitable for Muslim.

ALS specializes in the preparation and packaging of tasty and nutritious Meals-Ready-To-Eat (MREs) for the military, for use in times of survival and crisis.

We are committed to serving our clients with the utmost diligence – we provide cost-effective, reliable and quality products, and excellent service that meet and exceed our client's requirements and expectations.



Combat Ration Packs and accessories
Long shelf life characteristics
Applies to all components including accessories

We aim to provide a 1-stop shop to your MRE needs including accessories like cooking stoves and flameless ration heaters.

Strengths of our production:

- Long shelf life
- Nutritious and healthy food, no preservatives
- Easily heated up





ALARGAN GROUP

All items HALAL

- Customizable components
- Customizable accessories and supplements
- Competitive pricing
- Fast lead time, ready for emergency responses
- "One-stop shop" for your MRE needs



Integrating the strengths from our various departments, we are able to provide complete relief packages covering medical equipment to food and temporary structures for housing.

Humanitarian rations are also provided by ALS as relief measures. We have the ability to ship containers of food immediately upon notice.

All ration packs are designed with a high degree of utility in the field. The packs are easily heated up for a hot piping meal even in difficult situations.

Lightweight HALAL Ration Packs

Targeted for clients looking for lightweight MRE solutions, this ration pack weighs only at 500grams and provides 1200 calories.

The eating utensils and condiment packs are designed to be compact with long shelf life.

Each unit comes with a waterproof vacuum pack. All items HALAL and are manufactured in accordance to HACCP and ISO9001 standards.



Lightweight HALAL Ration Packs

Composition

Lightweight Ration Pack Composition
<ul style="list-style-type: none"> • 1 main dish entrée • 1 X Snack Item • 1 fruit bar dessert, • 1 X Instant Beverage Mix • Coffee • Sweetener • Salt • Pepper • Wet wipe • Matches • Spoon, Fork, Knife, Serviette • 1 X Waterproof Insulated Bag





ALS can ship out containers of rations in a short period notice.

- 1 40ft container fits 44000 meals
- 1 20ft container fits 22000 meals



MRE accessories play an equally important part in the shelf life of a 24h ration pack.

As these accessories usually make up 50% of the calories and nutritional values, it is of utmost importance that they are prepared under stringent Mil-Spec packing and preparation.

Under moist conditions, biscuits will turn soft and stale at a faster rate due to moisture absorption through the standard market packaging.

This applies for sugar, salt, pepper and other condiments.

ALS provides the very best in the field at the most competitive prices. Our MRE accessory packs are bestowed with extended shelf life and added freshness when consumed by soldiers in the field.

Integrating these with our **MRE entrees**, we provide a complete package for a long life ration pack, with attention paid to the well being of soldiers who consume them.



Quality packing for MRE accessories
Fresh when consumed even after long storage and rugged handling.

Protects fragile biscuits, salt, pepper, sugar etc from moist conditions where they will be corroded.

We ensure long storage life and freshness.





Ration Pack Components / Packing



Accessory Pack

We can provide customized ration pack components to meet different requirements



Entree Packs

2 Entrees and a dessert shrink wrapped.

Flameless Ration Heater (FRH)



Flameless Ration heater (FRH)

- Tactical, no fire needed
- Heats up our M.R.E. packs
- Clean & Easy
- Competitively Priced
- Just add water for a hot meal
- Convenient

Note: Flameless ration heaters are optional items





Notes:

- All Items available in 180g, 220g, 250g, 300g
- OD Green Mil-Spec pouches unless otherwise stated
- Shelf life guarantee: 2 years (Controlled storage extends shelf life, up to 10 years)
- Factory certifications: **HACCP, ISO9000, HALAL**
- All pouches come with quick tear tab for easy access
- Customized menu items are available

Chicken Meals (Halal)
Description
Chicken Rendang with Beriani Rice
Chicken Ala King
Chicken Stroganoff
Chicken Spaghetti Bolognese
Chicken Casserole
Chicken Satay
Chicken Claypot Rice
Chicken with Sautee Potato
Chicken Curry with Potato
Chicken Curry Paste
Chicken Curry Paste with peanuts
Chicken in Tomato Sauce
Chicken in Black Peppers
Chicken Sausage in mashed potato
Chicken Lemak Pasta
Chicken Pongtay Rice
Chicken Balls with Pasta
Chicken Breast with Noodle
Dhall Rice With Chicken (Spicy)
Mushroom Rice with Chicken
Mushroom & Chicken Noodle
Black Pepper Pasta w Chicken
Glutinous Rice with Chicken
Pineapple Rice with Chicken
Pasta with Shredded Chicken
Hainanese Chicken Rice
Japanese Curry Rice with Chicken
Peranakan Style Dumpling (Chicken)
Cabbage Rice w Chicken
Szechwan Chicken
Shredded Chicken Slices with gravy
Sweet and Sour Chicken
Scrambled Egg with Chicken

Beef Meals (Halal)
Description
Beef Stroganoff
Beef Stew
Beef Curry with Potato
Beef Spaghetti Bolognese
Beef Casserole
Beef Balls with Pasta
Beef Satay
Beef with Sautee Potato
Savoury Minced Beef
Roast Beef with Sauce
Stir-fried Beef with Ginger
Baked Beans with Beef
Japanese Curry Rice with Beef

Mutton Meals (Halal)
Description
Mutton Stew
Mutton Curry with Potato
Mutton Rendang with Beriani Rice
Mutton Satay
Mutton Curry Paste
Mutton Curry Paste with Peanuts
Mutton Beriani Rice
Mutton Dhallcha Noodle





Other Meals (Halal)
Description
Fried Noodle
Fried Mee Goreng
Fried Pasta
Fried Seafood Tomato Rice
Fried Rice
Fried Noodle
Fried Vegetable Rice
Mee Siam (Malay Noodle, Thin)
Mee Soto (Malay Soup with big potato)
Plain Rice (Chinese, Short grain)
Plain Rice (Thai, long grain)
Buttered Rice
Beriani Rice (Yellow Rice)
Clay pot Rice
Chili Pasta
Yam Rice
Nasi Lemak (Malay Coconut Rice)
Pouched Tuna in water
Pouched Tuna with light dressing
Pouched Tuna with Mayonnaise
Pouched Tuna with Chilli
Pouched Tuna Flakes
Oriental Seafood Noodle (Crabstick)
Dried Shrimp Glutinous Rice
Baked Beans with sauce

Soups (Halal)
Description
Cream of Chicken Soup
Cream of Mushroom Soup
Cream of Asparagus Soup
Creamy Potato
Chinese Clear Broil Soup
Vegetable Soup
Sweet Corn Soup
German Potage
Beef and Potato Soup
Mutton Soup

Desserts (Halal)
Description
Red Bean Dessert
Red Bean Paste with Lotus
Green Bean Dessert
Green Bean with Barley Dessert
Ginger Soup
Barley Dessert
Peanut Soup with Dates
Red Bean Paste
Fruit Cocktail
Bulut Hitam (Black Porridge)
Bubur Terigu (Wheat Dessert)
Yam Paste with Ginko nuts
Ching Teng (Longan Dessert)
Sweet Potato Soup with Ginger Jelly

Gravy / Sauces(Halal)
Description
Mee Siam Sauce
Mee Rebus Sauce
Japanese Curry Sauce
Roast Beef Gravy
Teriyaki Sauce
Mutton Curry Gravy
Chicken Curry Gravy
Mee Soto Gravy
Black Pepper Sauce
Szechuan Sauce
Rendang Sauce
Satay Sauce with Peanuts
Mushroom Sauce
Chilli Crab Sauce
BBQ Sauce





Accessories (Supplements / Snacks & Utensil)
Description
Biscotti Biscuit
Wheat Biscuit
Cracker Biscuit
Chocolate Biscuit
Vegetable Biscuit
Chocolate Cookies
Chocolate Biscuit
Biscuit Plain
Peanut and Raisin Mix
Dates with honey
Jam
Jelly (pouch)
Lemon Tea (Instant Beverage)
Tang Orange (Instant Beverage)
Instant Walnut Powder
Tea Bag
Coffee / Coffee 3 in 1
Non-Dairy Creamer
Fruit Bar
Fruit Cake
Water purification tablets
Cappuccino Coffee
Instant Oat Flakes
Instant Cereal Mix
Oval tine 3 in 1
Oval tine Tablets
Candies (Assorted)
Salt sachet
Pepper sachet
Sugar sachet
Spoon, fork, knife and serviettes (Pack)
Tissue Paper 1 pkt
Flameless Heaters
Solid Fuels (Hexamine)
Matches
Assorted Instant Noodle
Vitamin tablets (Various)



Entrée pouches (Army Green)



Vacuumed pouches for accessories



Semi-vacuum pouches for accessories





Standard Pack 1 (HALAL)
1 X Entrée 180g
1 X Rice 200g
1 X Salt, pepper, sugar sachet
1 X Tea bag
1 X Instant beverage (Orange)
1 X Biscuit 60g
1 X Serviette (Wet, non alcohol)
1 X Plastic Spoon



Standard Pack 2 (HALAL)
1 X 300g Entree (Chicken, Beef, Mutton, Vegetarian)
1 X 300g Japanese Rice
1 X 200g Dessert item
1 X 120g Compressed Biscuit
1 X 60g Biscuit
1 X Salt, Pepper
1 X Fork, Knife, Spoon set
1 X Serviette
2 X Hexamine Tablet (Blister pack with plastic board)



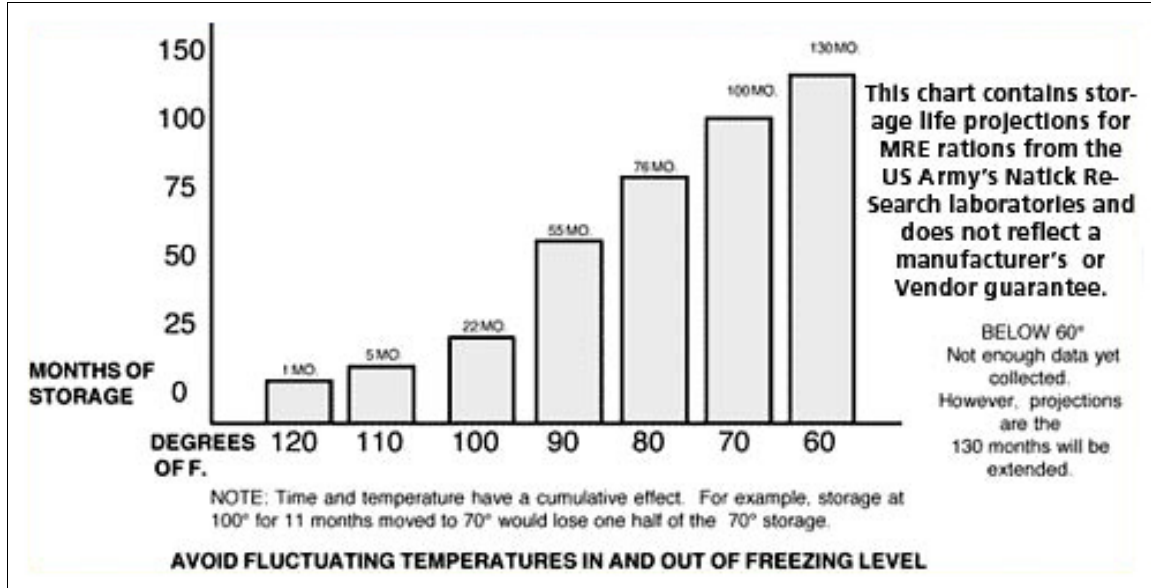
Note that all accessories including salt and pepper, biscuits etc. are packed in Mil-Spec pouches. This helps to withstand moist conditions where items will be corroded and soaked. This also assists in withstanding rough handling.

Customize your packs with us!





MRE Storage Chart More information regarding MRE Shelf life



Source: US Army Research Laboratory, NATICK

MRE shelf life

Some of the best information available on MRE shelf life is the storage life chart (see below) compiled by the U.S. Army's Natick Research Laboratories. This chart provides a good overview and summary of the findings gathered from their testing of MRE Products.

MRE Storage	
Temperature(F°)	Months of Storage
120°	1
110°	5
100°	22
90°	55
80°	76
70°	100
60°	130





Note: Below 60° - not enough data yet collected, however, projections are the 130 month storage life will be extended.

Note: Time and Temperature have a cumulative effect. For example, storage at 100° for 11 months then removed to storage at 70° would lose one-half of the 70° storage life. Also avoid fluctuating temperatures, in and out of freezing levels. Due to the cumulative effect of time and temperature, a regular rotation of MRE's within 5 to 7 years is recommended.

More About MRE Shelf Life

1. The shelf life ratings shown in the chart on the front of this paper were determined by taste panels -panels of "average" people, mostly office personnel - at the Natick lab. Their opinions were combined to determine when a particular component, or in this case the entire MRE ration, was no longer acceptable.
2. The shelf life determinations were made solely on the basis of taste, as it was discovered that acceptable nutritional content and basic product safety would extend way beyond the point where taste degradation would occur. This means the MRE's would be safe and give a high degree of food value long after the timing suggested in the chart.
3. MRE pouches have been tested and redesigned where necessary according to standards much stricter than for commercial food. They must be able to stand up to abuse tests such as obstacle course traversal in field clothing pockets; storage outdoors anywhere in the world; shipping under extremely rough circumstances (such as by truck over rocky terrain); 100% survival of parachute drops; 75% survival from free failure drops; severe repetitive vibration (1 hour a t G vibration); 7,920 individual pouch drops from 20 inches; and individual pouches being subject to a static load of 200 pounds for three minutes.
4. Freezing an MRE retort pouch does not destroy the food inside, but repeated freezing increases the chance that the stretching and stressing of the pouch will cause a break on a layer of the laminated pouch. These pouches are made to withstand 1,000 flexes, but repetitive freezing does increase the failure rate by a small fraction of a percent. Also if MRE food is frozen, then thawed out, it must be used the same as if you had thawed commercial food from your own freezer at home
5. **ALS supplier** uses the very same cutting edge technology to prepare MREs and ration packs.





ALARGAN LOGISTICS & SERVICES (ALS)

All items HALAL, suitable for Muslim.

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