

PRODUCTS AND SERVICES CATALOGUE



KADAR

NUTRITION. QUALITY. MORALE.



WHAT WE DO?

Kadar Poland Sp. z o. o. is a consulting company in the field of creating and implementing innovative solutions in the area of nutrition for the needs of uniformed services (in garrison, firing ground and war conditions) and people in crisis situations (including as a result of natural disasters).

When creating an offer, **KADAR** cooperates with many producers and distributors of food products and equipment. Our partners are both Polish and foreign companies.

In the process of selecting the assortment that constitutes the company's portfolio, we aim at several fundamental elements: the knowledge and experience of specialists and scientists in many fields, market and environmental realities, and the cultural conditions of the locations where the solutions we propose will be potentially used.

In our daily work, we follow the **development** and **progress of knowledge** and **initiate and search for new concepts, solutions and methods** in the field of nutrition in situations where traditional nutrition is not possible.

The solutions proposed by **KADAR** ensure mobility, interoperability, independence and logistic autonomy. We aim at the principle that success is determined not only by the quantity, but also by the quality of the means used and, above all, modern methods of their use.

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INDIVIDUAL FOOD RATIONS



- One-meal or 24-hour (3 meals)
- One person
- Supplementary snacks
- Heating equipment
- Hygiene kit
- **Shelf life: minimum 24 months**
- Can be customized to individual requirements

ENERGY PACK



- Food products for one person
- Extra source of energy – up to 600 kcal
- No heating
- Light weight
- Small dimensions
- **Shelf life: minimum 24 months**
- Can be customized to individual requirements

10-PERSON GROUP FOOD RATION



- One box contains 10 meals (breakfast/ lunch/ dinner)
- Supplementary snacks
- Heating equipment
- Hygiene kit
- **Shelf life: minimum 24 months**
- Gross weight: depends on box
- Can be customised to individual requirements

SURVIVAL FOOD RATION



- Net weight: 100 g
- Rich in energy – 500 kcal per pack
- Non-freezing bar – still eatable at temperature below -40 °C
- Non melting bar – stays solid at temperature up to +50 °C
- Vegetarian product
- Hermetically packed
- **Shelf life: 48 months**
- Assortment:
 - chocolate + guarana/ black currant/ nuts/ chocolate

INDIVIDUAL WET POUCH MEAL / INDIVIDUAL CANNED MEAL



- Packaging:
 - Doypack: multilayer foil based on aluminium
 - Round can: hard aluminium

- Net weight:
 - Doypack: 300 g
 - Round can: 300 g

- **Shelf life: 30 months**

- Assortment:
 - **Doypack:** meat and vegetables (based on beef/ pork/ chicken) and carbohydrates (based on rice/ pasta/ groats) / vegetarian & vegan option
 - **Round can:** meat and vegetables (based on beef/ pork/ chicken)/ vegetarian & vegan option

GROUP MRE IN PLASTIC TRAY



- Innovative packaging: thermoformed plastic tray closed with laminated multi-layer foil welded to the tray.
- Net weight:
 - Breakfast-type: 2600 g (10-person meal)
 - Lunch-type:
 - Soups: 2300 g (5-person meal)
 - Meat and vegetables: 2600 g (10-person meal)
 - Vegetables: 2600 g (10-person meal)
 - Carbohydrates: 1800 g/ 2000 g (5-person meal)
 - Dinner-type: 2400 g/ 2600 g/ 2800 g (10-person meal)
- **Shelf life: 48 months**
- Assortment:
 - **Breakfast-type** (based on sausages in sauce, with grain legumes or vegetables)
 - **Lunch-type:**
 - Soups
 - Meat in sauce (based on beef/ pork/ chicken/ turkey in sauce with or without vegetables)
 - Vegetable meat substitute (vegetarian & vegan option)
 - Vegetables
 - Carbohydrates (rice/ pasta/ groats)
 - **Dinner-type** (based on meat/ vegetables with carbohydrates additives)
- The producer is approved to supply the U.S. Armed Forces

FREEZE-DRIED & DEHYDRATED MEALS



- Light net weight:
 - Breakfast mix: 80-125 g
 - Soup: 55-65 g
 - Lunch/ dinner mix: 90-170 g
- High nutritional value: up to 90 % of the fresh product
- Preparation: hot water or flameless heater
- **Shelf-life: 27-39 months**
- Assortment:
 - Breakfast mix: meals based on flakes (corn/ barley/ oat) with freeze-dried fruits and with or without powdered milk
 - Soups: based on powdered vegetables with or without meat
 - Lunch/ dinner mix: meals based on potatoes/ rice/ groats (barley/ millet/ buckwheat) with meat (chicken/ turkey/ pork, beef), shrimps or vegetable meat substitute

CRISPY BREAD



- Light net weight 40 g/ 50 g/ 100 g/ 140 g
- Package made of laminated flow-pack
- High-fibre
- **Shelf life:**
 - **27 months:** protein bread, corn cake
 - **32 months:** rye type bread, wholegrain rice cake
- Four types of bread:
 - **Rye type bread** (based on rice)
 - **Protein bread** (based on rice, peas and seeds)
 - **Corn cake** (made of corn grit, corn, salt)
 - **Wholegrain rice cake** (made of brown rice, white rice, salt)

LONG-LIFE RYE BREAD



- Net weight: 50 g/ 250 g/ 500 g
- High-fibre
- Package:
 - 50 g: flow-pack foil
 - 250 g/ 500 g: metal can
- **Shelf life:**
 - **27 months:** flow-pack foil
 - **39 months:** can
- Assortment:
 - **Long-life rye bread** based on rye flour, with barley malt extract (pumpernickel bread) or without barley malt extract (rye bread)

CANNED MEAT



- Coarsely/ fine minced canned product
- High content of meat
- Rich in protein
- Packaging: hard, round aluminium can with easy-open lid
- Net weight:
 - Coarsely minced: 190 g
 - Fine minced: 100 g/ 190 g
 - Pâté: 100 g
- **Shelf life: 48 months**
- Assortment:
 - **Coarsely minced** based on pork/ chicken/ turkey meat in sauce (tomato/ own juice/ oil)
 - **Fine minced/ pâté** based on beef/ pork/ chicken/ turkey meat with fat and spices

CANNED CHICKEN



- Canned chicken tenderloin in oil
- Packaging: hard, oval aluminium can with easy-open lid
- High content of meat
- Rich in protein
- Net weight: 130 g
- **Shelf life: 27 months**
- Assortment:
 - **chicken tenderloin** in oil. tomato/ BBQ/ garlic & herbs/ roasted

CANNED FISH



- Canned fish in sauce/ with vegetables
- Packaging: hard, rectangle aluminium can with easy-open lid
- High content of fish
- Rich in protein
- Net weight: 125 g
- **Shelf life: 36 months**
- Assortment:
 - **Fish in sauce** based on salmon, in sauce (oil/ cream and dill/ tomato)
 - **Fish in sauce** based on mackerel/ herring, in sauce (oil/ tomato/ curry/ mustard/ horseradish) with spices
 - **Fish salad** based on salmon/ tuna, with vegetables /with or without pasta/ different groats/ rice

JAMS AND HONEY



- Net weight: 25 g
- Packaging:
 - Jam: soft, round aluminium units
 - Honey: soft, round plastic units
- **Shelf life:**
 - **27 months:** jam
 - **39 months:** honey
- Assortment:
 - **Jams:** based on fruits and sugar
strawberry/ cherry/ plum/ blackcurrant/
apricot
 - **Honey:** multi-flower

NUT CREAM



- Net weight: 25 g
- Packaging:
 - aluminium units
 - stick
- **Shelf life: 27 months**
- Assortment: based on **hazelnut** (lactose-free, vegan/ classic/ gourmet) or **pistachio**

FREEZE-DRIED & DEHYDRATED SNACKS & DESSERTS



- Light net weight:
 - Fruits: 30 g
 - Desserts: 60 g (cream/ mousse), 90 g (rice pudding)
- High nutritional value: up to 90 percent of the nutrients remain.
- High-vitamins
- **Shelf life:**
 - **27 months:** fruits
 - **39 months:** cream/ mousse
 - **27 months:** rice pudding
- Assortment:
 - **Fruits and vegetables** (single e.g. pineapple, banana, strawberry/ mix)
 - **Desserts** (fruit or chocolate cream/ mousse; rice pudding with chocolate or fruits)

INSTANT JELLY & SMOOTHIE



- Light net weight:
 - Jelly: 30 g
 - Smoothie: 50 g
- Preparation: cold water (smoothie), cold/ hot water (jelly)
- **Shelf-life: 27 months**
- Packaging: standard or eco-friendly material
- No cup required for preparation
- Assortment:
 - **Jelly** based on fruit powders and sugar
pineapple & lemon/ apple & lemon/ apple & mango/ forest fruits/ orange/ strawberry & cranberry/ cherry
 - **Smoothie** based on fruit powders
strawberry & beetroot & black currant/ banana & strawberry/ banana & strawberry & orange/ apple & strawberry & banana & lime

DRIED VEGETABLE MIX



- Unique drying technology
- Light net weight: 20 g
- Crispy texture
- Rich-flavour
- **Shelf-life: 27 months**
- Packaging: standard or eco-friendly material
- Assortment:
 - **vegetable with spices**
beetroot & sweet potato/
bacon flavoured potato/
jerusalem artichoke & beetroot

CEREAL SNACKS



- Light net weight: 30 g
- Package made of laminated flow-pack
- **Shelf life: 27 months**
- Three types of snacks:
 - **Oats and spelt snack** based on oat flakes, rice flour and wheat bran
 - **Protein pillows** based on rice flour, wheat flour and pea protein isolate
 - **Rice and wheat squares with chocolate filling** based on rice flour and wheat flour

SESAME SNACK



- Net weight: 22,5 g
- **Sesame snack** based on sesame seed, glucose syrup and sugar
- Package made of laminated flow-pack
- Rich in energy
- Source of fibre
- Sesame is a source of protein rich in aminoacids - tryptophan and methionine
- **Shelf life:**
 - **40 months:** classic sesame snack
 - **32 months:** sesame snack with honey

NUTS ENERGY BAR



- Net weight: 40 g
- Rich in energy – up to 250 kcal per bar
- Non-freezing bar – still eatable at temperature below -40°C
- Non melting bar – stays solid at temperature up to +50°C
- Vegetarian product
- Hermetically packed
- **Shelf life: 48 months**
- Assortment:
 - **Nuts bars** based on nuts and seeds: guarana/ black currant/ nuts/ chocolate

ENERGY BARS BASED ON DRIED FRUITS



- Net weight: 32-35 g
- High-fibre
- Package made of laminated flow-pack
- **Shelf life:**
 - **27 months:** protein bar, smoothie bar
 - **36 months:** cereal & fruit bar, date bars
- Assortment:
 - **Cereal and fruit bar:** based on dried fruits and cereals, in wafer cranberry/ fig/ apricot/ lime/ cherry/ pear/ wild berries
 - **Date bar:** based on date paste and dried fruits, in wafer cranberry & coconut/ cocoa
 - **Protein bar:** based on dried fruits, soya crispies and roasted nuts, flakes and dried whey protein, in cocoa coating lime/ cranberry & plum/ nuts & raisins
 - **Smoothie bar:** based on dried fruits and vegetables and fruit paste, in wafer rhubarb & strawberry/ apple & carrot & orange/ beetroot & black currant/ hazelnut & chocolate & green tea

BISCUITS



- Net weight: 125 g
- Packaging: 3-layer foil with aluminium
- **Shelf life: 36 months**
- Assortment:
 - Petit Beurre type biscuits based on wheat, rye and potato flours

DRIED FRUITS & NUTS



- Healthy snack
- Packaging: flowpack
- Net weight: 50 g
- **Shelf-life: 39 months**
- Assortment: Cranberry/ Banana chips/ Hazelnuts/ Almonds/ Roasted and salted peanuts/ Peanuts in dark chocolate

CANDIES AND JELLY BEANS



- Net weight: 4-6 g
- Package made of foil
- Source of vitamins or caffeine
- **Shelf life:**
 - **24 months:** fruit stuffed candies
 - **27 months:** jelly beans with vitamin C, sugar free candies with ginger
 - **36 months:** fruit candies with vitamins/ with honey, coffee candies sweetened with stevia
- Assortment:
 - **Fruit candies** based on sugar and glucose syrup, with vitamins/ honey/ ginger
 - **Jelly beans** based on sugar, glucose syrup and fruit juice, with vitamins

BEEF BAR



- High-protein (47%)
- Net weight: 25 g
- **Shelf-life: 27 months**
- Assortment: Beef snack from minced meat, smoked and dried
Classic/ BBQ

FREEZE-DRIED MEAT CHIPS



- Ultra-high-protein: 78% – chicken, 85 % - turkey
- Net weight: 26 g
- **Shelf-life: 27 months**
- Assortment: Matured, cold smoked and freeze-dried snack from chicken/ turkey breast fillet
Mild/ Basil/ Marjoram/ Curry/ Hot pepper/ Chilli

INSTANT TEA DRINK



- Light net weight: 15 g
- Preparation: cold/ hot water
- **Shelf-life: 27 months**
- Packaging: stick/ sachet/ doypack (standard or eco-friendly material)
- No cup required for preparation
- Assortment:
- **Tea** drink based on fruit powders, sugar and tea extract
tropical/ lemon/ pineapple/ forest fruits/ raspberry/ lime & green tea extract

INSTANT ISOTONIC DRINK



- Light net weight: 20 g
- Preparation: cold water
- Packaging: stick/ sachet/ doypack (standard or eco-friendly material)
- **Shelf-life: 27 months**
- No cup required for preparation
- Assortment
 - Based on **sugar** and **glucose** with vitamins and minerals: E, C, B1, B2, B6, B12, niacin, biotin, pantothenic acid, folic acid, calcium, magnesium, potassium, sodium
 - Flavour: **lemon** (basic), other (on order)

HYDRATION GEL



- Ready-to-use hydration gel
- **Hydrates 4,5 times more effectively than water**
- **How it works?**

Amino acids attach to water molecules promoting absorption and retention of water by human cells - providing sustained effective hydration; gel breaks down slowly to keep cells hydrated longer
- Suggested use – Adults: one packet every 3 to 4 hours
- Sterile: high quality tri-laminate packaging
- Easy to ship, easy to store
- Packets float
- Useful for uniformed services and victims in natural disasters (e.g. floods, earthquakes)
- Net weight: 86 g
- **Shelf life: 60 months**
- Best stored at 7,2 °C to 29 °C
- Flavour: **orange** (basic), lemon-lime (on order)

HYGIENIC PRODUCTS AND ACCESSORIES



- Possibility to prepare your own hygiene kit
- Bactericidal and bacteriostatic properties (chewing gum, drops and toothbrush sweetened 100 % with xylitol)
- **Shelf life:**
 - **48 months:** chewing gum
 - **30 months:** drops
 - **30 months:** toothpaste
 - **30 months:** disposable toothbrush impregnated with toothpaste
- Minimizes plaque and acid forming bacteria
- Assists in remineralization of enamel
- Perfect for people on the go
- Free of aspartame, sorbitol, lactose and gluten
- Assortment:
 - **Chewing gum:** strong mint, mild mint, cinnamon, green tea, cranberry, citrus
 - **Drops:** melon, cherry, mint
 - Disposable **toothbrush** impregnated with toothpaste
 - **Kit of toothbrush and toothpaste**
 - Combination of **dental floss** and **toothpick**
 - **Antibacterial Hand Cleaning Wet Wipe** (contain 70% of alcohol)
 - **Chlor-floc water purification powder** (clean water after 10 minutes)

BIO-COMPOSTABLE ACCESSORIES



Cups for beverages / bowls for soups:

BIO cups & bowls are made of sugar cane pulp. As a result, they do not require additional segregation and can be composted with organic waste or stored in paper containers.

- Material: sugar cane pulp
- The product has the OK Compost certificate TUV AUSTRIA
- Suitable for cold and hot beverages & freezing
- Microwave safe, but not longer than 5 min/100 °C
- Fat resistant

Cutlery sets (knife, fork, spoon, teaspoon)

- Made of 100 % recycled plant-based biopolymer CPLA
- Packaging made of BIO Compostable Polylactide
- Temperature range of use: from - 20 up to + 80 °C

Trays

- Made of CPLA
- Designed for stacking, efficient handling and transportation meals
- Tray with chambers for:
 - main meals, deserts, soups etc.
 - cutlery, bowl, cup
- Light weight: 55-60 g

BAG FOR HEATING AND TRANSPORTING GROUP FOOD RATION MEALS



- Heats simultaneously 3 Group MREs and drinking water
- Heating process: Flameless chemical heater for Group MRE
- Meal heating time to 62 °C: 40-50 min
- Water heating time to 80 °C: 20 min
- Weight: 1,2 kg
- Equipped with pockets and transport belt
- Customized camouflage availability

SINGLE-USE INDIVIDUAL & GROUP FLAMELESS CHEMICAL HEATER (FOR MRE'S)



- Used for heating MRE'S
- Heats: 300g meal to 62 °C in 12 minutes / 2600g meal to 62 °C in 40 minutes
- Suitable for heating meals and boiling water
- Mobility - heating can be done during soldiers movement
- Paper envelope protects from burns and keep meal hot for longer period of time (during winter).
- Extended shelf life (36 months)
- Extra light and convenient in transportation (weight 80g – individual heater)
- Odourless
- Safe in use: no fire during heating
- Requires any kind of water to start heating
- All weather product: wind, cold or rain will not stop heating
- Made in Poland
- **NEW! Winter edition flameless heater. Heats MRE from -10 °C up to 62 °C**



INFRARED MOBILE HEATER



- Dedicated for flameless heating group and individual MRE's
- Power supply with direct or alternating current (230v/24v)
- Innovative infrared heating
- Can be used indoors
- Small weight and dimensions (4kg, 50cm x 30cm x 15cm)
- Heats individual and group meals
- Recommended for heating meals in combat vehicles



- Laboratory, which has had Accreditation Certificate in Defense and Security issued by the **Minister of National Defense**. The scope of **OiB** accreditation includes performance of microbiological, physicochemical and sensory tests of products
- The implementation of the Quality Management System that meets requirements of **AQAP 2110** (Allied Quality Assurance Publication), which allow Laboratory to meet NATO requirements for quality assurance in the field of design, development and production
- **Complex laboratory services** incl. food products and accessories for the needs of the armed forces:
 - Individual and group food rations
 - Canned products, freeze-dried products, bars et al.
 - Heaters
 - Disposable cutlery, dishes and trays
- Tests **performed at laboratories** may be referred to documents where **quality requirements for food products** are specified. Such documents include:
 - Defense standards
 - Technical specifications and recipes
 - Description of the subject of the contract

All of our products are well selected from different markets
and produced by certified Manufacturer.



AQAP 2110



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