



KADAR

NUTRITION
QUALITY
MORALE



PRODUCTS
AND SERVICES
CATALOGUE



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.

PRODUCTS AND SERVICES CATALOGUE

INDEX

FOOD RATIONS

INDIVIDUAL FOOD RATIONS	2
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MAIN MEALS

INDIVIDUAL WET POUCH MEAL	3
GROUP MRE IN PLASTIC TRAY	4

BREAD

CRISPY BREAD	5
HARDTACKS	5

ADDITIVES FOR BREAD

CANNED FISH	6
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SNACKS & DESSERTS

INSTANT JELLY & SMOOTHIE	7
DRIED VEGETABLE MIX	8
CEREAL SNACKS	8
SURVIVAL ENERGY BAR	9
NUTS ENERGY BAR	9
PROTEIN BARS & FRUIT-CEREAL BARS	10
FUNCTIONAL FRUIT-CEREAL BARS	11

BEVERAGES & HYDRATION PRODUCT

INSTANT TEA DRINK	12
INSTANT ISOTONIC DRINK	13
HYDRATION GEL	14

ACCESSORIES

HYGIENIC PRODUCTS AND ACCESSORIES	15
---	----

EQUIPMENT

TRANSPORTATION DRONE	16
----------------------------	----

HEATERS

BAG FOR HEATING AND TRANSPORTING GROUP FOOD RATION MEALS	17
SINGLE-USE INDIVIDUAL & GROUP FLAMELESS CHEMICAL HEATER (FOR MRE'S)	18
INFRARED MOBILE HEATER	19

LABORATORY SERVICES	20
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INDIVIDUAL FOOD RATIONS



- One meal for one person
- Wide selection of dishes
- Lightweight and easy to transport
- Ability to prepare meals in any conditions
- Easy to prepare hot meal
- Safety
- **Long shelf life (min. 24 months)**
- Can be customised to individual requirements

Example of MIDI FOOD PACK



- Main dish
- Crispbread/ Hardtacks
- Cereal & fruit bar/ Energy bar
- Isotonic drink
- Chewing gum
- Flameless heater
- Disposable spoon with napkin

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

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)

HARDTACKS



- High-energy product based on wheat and rye flour
- Suitable for sweet and savory additives
- Net weight: 55 g/ 90 g
- Package made of laminated flow-pack
- **Shelf life: 27 months**

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

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

SURVIVAL ENERGY BAR



- 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

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

PROTEIN BARS & FRUIT-CEREAL BARS



- 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:
 - **Protein bar:** based on dried fruits, soya crispies and roasted nuts, flakes and dried whey protein, in cocoa coating
Flavours: lime/ cranberry & plum/ nuts & raisins
 - **Fruit-cereal bar:** based on dried fruits and cereals, in wafer
Flavours: cranberry/ fig/ apricot/ lime/ cherry/ pear
 - **Date bar:** based on date paste and dried fruits, in wafer
Flavours: cranberry & coconut/ cocoa
 - **Smoothie bar:** based on dried fruits and vegetables and fruit paste, in wafer
Flavours: rhubarb & strawberry/ apple & carrot & orange/ beetroot & black currant/

FUNCTIONAL FRUIT-CEREAL BARS



- Based on apple paste or apple & date paste
- High content of fiber
- Net weight: 35 g
- Package made of laminated flow-pack
- **Shelf-life: min. 27 months**
- Assortment & functionality:
 - **Banana & bran bar:**
Function: METABOLISM,
Key ingredients: cuprum, potassium, high content of fiber from inulin
 - **Banana & strawberry bar:**
Function: RESILIENCE,
Key ingredients: cuprum, potassium
 - **Peanut & barley bar:**
Function: ENDURANCE,
Key ingredients: cuprum, ferrum, magnesium, potassium, selenium
 - **Choco, mint & chlorella bar**
Function: FOCUS & CONCENTRATION,
Key ingredients: cuprum, ferrum, magnesium, potassium, selenium
 - **Pumpkin, spices & collagen bar**
Function: VISION & HEALING,
Key ingredients: collagen, cuprum, ferrum, selenium, potassium

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
- **86 g gel = 387 ml water**
- **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)

TRANSPORTATION DRONE



- Equiped and adapted for transporting food and water
- Payload capacity up to 4,6 kg
- Range with a full payload of up to 14 km (7 km + 7 km)
- Capable of autonomous flight to a destination (take-off and flight without pilot intervention)
- Compact dimensions enable cargo delivery in difficult terrain (e.g. forests, mountains)
- Capable of delivering to indoor spaces, balconies and rooftops

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



- 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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