



REO AMOS



Ondřej Stoniš

Who we are

- Czech company, producing and selling products for prevention and removal of environmental accidents, and for safe and clean workplace
- Subsidiaries in the Czech Republic, Slovak Republic and Poland
- We issue a new catalogue every year
- Export throughout Europe



We offer

Absorbents

We offer two basic types of absorbents - textile and loose. The textile absorbents can be divided into 3 groups - universal, chemical and hydrophobic; each group can be recognized according its color. The universal grey absorbents are used for absorption of non-agressive liquids, pink chemical resistant absorbents are for aggressive liquids and white hydrophobic absorbents do not absorb any water and water sollutions and float on a water level.



We offer

Spill kits

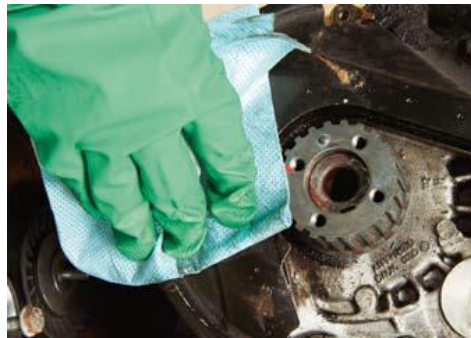
We offer ecological spill kits in foil, bag, barrels, mobile tray and boxes. The spill kits consist of loose or textile absorbents, sealing means and basic protective equipment for removal of oil accidents.



We offer

Cleaning wipes and accessories

We offer quick-absorbing wipes, industrial wipes of paper or of nonwoven fabrics, paper towels, wet wipes, abrasive cloth, silk cloth and more.



We offer

Packaging for dangerous substances

We offer a wide range of packaging for dangerous substances and hazardous waste. The packagings meet the requirement of international regulations for transport and packaging.



We offer

Trash cans, containers

We offer plastic containers of 120 l or 240 l, available in yellow, blue, red, brown, black and green colour. Furthermore there are bins for separated waste, mobile containers, trash cans, pallet containers, storage containers and hinged containers.



We offer

Cleaning and anti-fatigue mats

Entrance areas are the signature of each building and there the footwear should be cleaned and dried. Our mats meet the cleaning, hygiene, safety and aesthetic requirements. In addition to cleaning mats we also offer industrial matting.



We offer

Sealing means

The fast sealants REO. Drain covers: for single or repeated use. Canalization barriers. Sealing bags and chocks.

Wraps: excellent product for permanent repairs of piping.

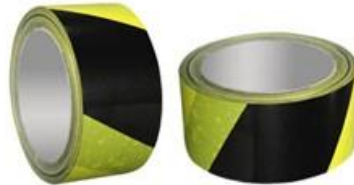
Wooden chocks: quick sealing of accidental releases. Granules and paste for temporary repair.



We offer

Tapes, markers and barriers

We offer industrial tapes, marking tapes, anti-slip tapes and photoluminescent tapes. Temporary markers for manual labeling of the masonry, asphalt, concrete, floors, grass, wood and even snow. We also offer barriers, edges, non-slip tiles and more.



We offer

Storage accessories

We have wide range of trolleys for drums, spill pallets, safety knives, ladders, barrels opener, key cabinets, security locks, mobile ecostocks, trolleys for gas bottles, industrial mirrors and more.



We offer

ADR equipment

Equipment for personal and general protection for general actions and hazard specific emergency actions with regard to the hazards which must be carried in the vehicle in accordance with section 8.1.5. of ADR.



We offer

Protective workwear

We offer protective equipment and clothing. There are fire-resistant clothing, boots, gloves, overalls, goggles, respirators and protective helmets.



We offer

Special means

This is mainly equipment for fire brigades. Decontamination showers, water tanks, oil skimmers, mobile oil separators, pumps, rescue inflatable tents, containers, non-sparking tools, fire extinguishers.



We offer

Containment booms and dam barriers

The containment booms are used especially for capture of oil products or other insoluble substances that pollute water level. Their task is to hold the substance and prevent its further flow.



We offer

Safety signs and tables

The safety colors and symbol should quickly draw attention to objects and situation that affect safety and health. They ensure a quick understanding of certain communications.



Certificates





**That's all to the introduction
of the company.
Thank you for your attention.
Now we will focus in more
detail on sorbents**

Sorbents

Basic distribution:

Textile sorbents

- Universal (gray)
- Hydrophobic (white)
- Chemical (pink)

Loose sorbents

- Universal
- Hydrophobic
- Chemical

Sorbents

Theory:

Adsorption - the property of solids to concentrate liquids or gases on their surface. Adsorbent a solid used to separate components from liquid mixtures by adsorption.

Adsorbate - a liquid substance trapped on an adsorbent.

Adsorption capacity - this is the amount of adsorbate captured on the unit amount of adsorbent.

Absorption - a physical process taking place at the gas-liquid phase interface (absorption)

Hydrophobic material - a material whose solid surface is wetted by non-polar liquids

Hydrophilic material - its surface is wetted with polar solvents and water

Sorbents

UNIVERSAL (suitability for use)

- Water
- Coolants
- Oil emulsions
- Hydraulic, vegetable, motor oil
- Diesel fuel
- Solvents - acetone, benzene, toluene, turpentine, hexane, trichlorethylene

Sorbents

HYDROPHOBIC (suitability for use)

- Hydraulic and engine oil
- Oil
- Kerosene
- Diesel fuel
- Benzine

Sorbents

CHEMICALLY RESISTANT (suitability for use)

- Oils
- Cutting and cooling emulsions
- Sulfuric, hydrochloric, nitric, phosphoric, hydrofluoric, formic acid
- Sodium hydroxide
- Aqueous ammonia solution

Sorbents

DISTRIBUTION OF TEXTILE SORBENTS

- Basic
- Reinforced
- Resistant
- Intertwined
- Impervious
- Traffic
- NTRF



Sorbents

Basic

- Polypropylene sorbent produced by meltblown technology.
- Supplied in various sizes of rolls and mats.
- It achieves a good ratio of price and sorption capabilities.



Sorbents

Reinforced

- It is a basic sorbent, strengthened by ultrasound bonded.
- It has a longer life.
- Particularly suitable for sorption of hazardous liquids from solid surfaces.
- Dense bonding points increase the abrasion resistance of the material and at the same time ensure faster suction of the leaked liquid



Sorbents

Resistant

- Textile sorbent produced by SMS technology (SPUNBOND-MELTBLOWN-SPUNBOND).
- It is also reinforced with ultrasonic points.
- It is characterized by high abrasion resistance.



Sorbents

Intertwined

- Again a basic sorbent, which this time is intertwined with polyester thread
- It has higher mechanical resistance



Sorbents

Impermeable sorbent

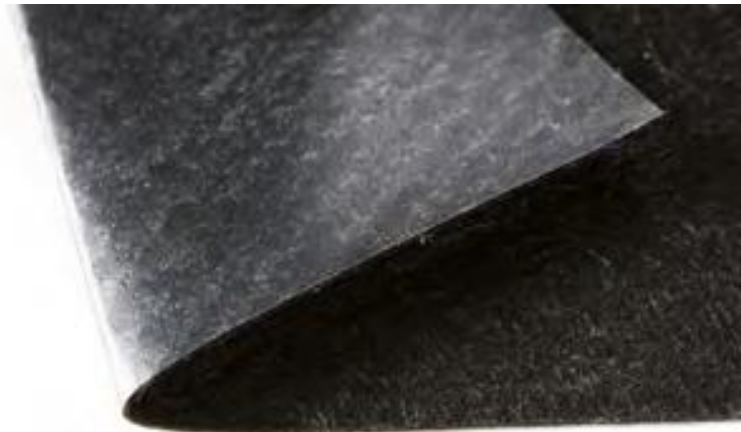
- Roles with a layer of polyethylene applied
- The impermeable layer prevents liquids from seeping into the substrate
- We offer impermeable universal base, intertwined, traffic, hydrophobic base and intertwined



Sorbents

Traffic

- Roles reinforced with thermal calendering
- It also tolerates crossings of heavy equipment



Sorbents

Basic dimensions of universal and hydrophobic roles:

Weight: 150, 180, 250, 360 g / m²

Width: 400, 800, 1000 mm

Length: 12, 25, 50 meters (HFO - 11, 20, 23, 40, 46 m)

Basic dimensions of universal and hydrophobic mats:

Weight: 150, 180, 250, 360 g / m²

Dimensions: 400 x 500 mm; 300 x 300 mm; 400 x 400 mm

Pieces: 50, 100, 200

Sorbents

Examples of textile sorbents:

Chemical



Sorbents

Basic dimensions of chemical roles:

Weight: 180, 360 g / m²

Width: 400, 800 mm

Length: 50 meters

Basic dimensions of chemical mats:

Weight: 150, 180, 250, 360 g / m²

Dimensions: 400 x 500 mm, 400 x 400 mm

Pieces: 50, 100, 200

Sorbents

- Textile sock, pillow
- Universal, chemical and hydrophobic



Sorbents

- Textile sock, pillow
- Universal, chemical and hydrophobic

Basic dimensions:

Socks:

- From a diameter of 80 to 200 mm
- Lengths 3 - 10 meters, or according to the customer's wishes (custom production).

Pillows:

- 250 x 250 mm, 300 x 300 mm, or according to the customer's wishes (tailor-made production).

Sorbents

loose sorbents

Universal:

ULD010 - made of mod
with high sorption ca



Sorbents

loose sorbents

Hydrophobic:

REOSORB (HDNR010) - non-abrasive, easily combustible crumb based on polyurethane. It has a large and fast sorption capacity. It does not change the properties of the absorbed substances. It has low weight, easy handling.



HLD010 - made of modified cellulose, excellently combustible with high sorption capacity



Sorbent

loose sorbents
Hydrophobic:



the crumb made of modified peat. It floats on
for a long time. It can also trap thin layers of



Sorbents

loose sorbents

Chemical:

sorption crumb REO - dust-free crumb with high sorption capacity.
The pulp is made of polypropylene fibers with high chemical resistance. Very well done



Sorbents and spill kits

The emergency spill kit is a comprehensive means of eliminating the leak of a hazardous liquid.

We produce ecological emergency spill kits in foil, in a bag, in a bucket, in barrels, in mobile containers, in boxes for wall mounting. Emergency kits consist of loose or textile sorbents, sealing materials and basic protective equipment for the liquidation of accidents involving petroleum liquids.

We produce emergency spill kits with universal, hydrophobic and chemical sorbents.



Types of spill kits



Acknowledgment

- Space for questions / discussion

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