

TECHNICAL DATA SHEET

RUBBER HOSES

WATER AND STEAM HOSES: Hose designed to conduct saturated wet or dry steam and to conduct superheated steam. It finds application also in heating or technological steam installations or when cleaning or washing installations and machines in food industry. Commonly used also for domestic and industrial water, waste water, cooling water or washing with cold and hot water.

COMPRESSED AIR HOSES, FOR PLANT PROTECTION AGENTS, MULTI-PURPOSE HOSES

The hoses are resistant to high pressure generated inside the hose during operation, but can also resist chemicals, acid solutions, emulsions, liquid mineral fertilizers, as well as water suspension of plant protection agents, oil mist or simply damage. Due to their wide range of properties, compressed air hoses are used, among others, in food, machinery, electronics, metallurgy, petrochemical, marine, aviation and many other industries.

GAS HOSES Available types: welding hoses used for welding and cutting metals and similar processes; oxygen hose, acetylene hose, compressed air hose, nitrogen hose, argon hose, CO₂ hose; methyl-acetylene-propyne hose, natural gas hose for gas welding and cutting, applicable in design and manufacture of gas heaters, outdoor heaters, travel cookers and other appliances which can be fed by common gas cylinder.

PETROL, FUEL AND OIL PRODUCT HOSES: used for the flow of liquid asphalt mass, mazout, tar and their mixtures with a negative pressure up to 0.063 MPa; for filling and unloading of liquid gas (LPG) and natural gas tanks, for dosing of oil fuels with aromatic hydrocarbons content up to 50%; used in automotive installations for the flow of petroleum-derived fuels; in automotive installations for the flow of petroleum-derived fuels; for the suction and discharge of petrol and oil with a negative pressure of up to 0.063 MPa; for filling and discharging of petroleum-derived fuels with aromatic hydrocarbons up to 50%.

AUTOMOTIVE HOSES: Thanks to their elastic structure they fit perfectly in the connections with metal elements, thus ensuring the tightness of the installation. Their high durability allows for long-term operation with adverse effects of external factors. They are used in engine power apparatus, including fuel systems and injection systems. Also, there are hoses for use in control systems of turbocharger pressure regulation, in cooling systems, in pneumatic brake systems, for LPG or CNG gas installations.

CHEMICAL HOSES: Highly durable hoses, not only because of the type of mixture which flows through them, but also due to external conditions which may affect the flowing substance. The hoses are designed to flow solutions of the following acids: nitric acid of concentration, hydrochloric, sulphuric of concentration and of any concentration: acetic acid, aqueous solution of sodium hydroxide and aqueous solution of ammonia, water and light chemicals.



FOODSTUFF HOSES: High quality hoses which meet the standards that allow hoses to come into contact with foodstuffs. Designed to transport food substances containing oils, vegetable or animal fats, milk and milk products. These are available as suction or suction-delivery hoses. Suitable for transfer of foodstuffs containing alcohol (concentration max 96%) and acidic foodstuffs (pH ≤ 4.5) as well as ideal for transfer of wine and acidic foodstuffs with pH ≤ 4.5 - also as suction-delivery hoses.

ABRASION RESISTANT HOSES: Pressure hoses HSM, HSM-1, HSM-2, suitable as abrasion resistant hoses for sandblasting, shot blasting, sodding, corundum and glass transfer. Used for conveying wet, semi-dry and dry concrete and other abrasive materials, plastering, for sucking and pressing abrasive materials in sand pits, gravel pits, mineral resources and metal ore mines as well as in the metallurgical industry and construction market; for conveying water, air, sand and other mixtures with abrasive materials in mines, in methane- or coal-dust hazardous areas; for sucking and pumping various pulps and abrasive materials such as sludge, wet and dry sand, gravel, stones, metal filings.

SPECIAL PURPOSE HOSES: For air brake systems, hoses used in railways as a heating hose; for the flow of water or air for cooling furnaces in metallurgy; for extinguishing fires; hoses for work under pressure; for pumping water, air, sand and other mixtures with abrasive materials; . Used for suction and delivery of various pulps and abrasive materials such as: sludge, wet and dry sand, gravel, stones, metal filings - with a thick layer of rubber of extremely high abrasion resistance.

PCV HOSES: Polyvinyl chloride is a white, non-flammable powder. It gets malleable at a temperature of 70°C and remains resistant to acids, alkalis, alcohols, petrol, mineral oils, and many solvents. It features also a high mechanical strength. It is suitable for petrol, oils, light chemicals, water, compressed air and technical gases and designed for water, compressed air, acids and alkalis, plant protection agents, technical gases.

The range of diameters, working temperature and pressure depends on the type of hose. Should you have any questions on choosing the right hose, please contact our specialists at 32 347-26-87 or send them to: biuro@pro-hurt.pl.

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