

PRODUCT DATA SHEET AND OHS SAFETY MANUAL

HEAVY-DUTY NITRILE PROTECTIVE GLOVES – ADR150 SERIES

Distributor: BAM24 (www.bam24.pl)

1. Technical Product Specification

Parameter / Feature	Technical Details
Product Name	Heavy-duty nitrile protective gloves (ADR)
Catalog Symbol	ADR150
Coating Material	High-quality thick nitrile coating (resistant to grease, oils, solvents)
PPE Protection Category	Category I / II (protection against minimal risks and low chemical risks)
Compliance with Standards	PN-EN ISO 21420:2020-09 (Protective gloves – General requirements)
Distributor / Source	B.A.M. Andrzej Borowicz (BAM24 - www.bam24.pl)
Available Sizes	9 (ADR150-9), 10 (ADR150-10), 11 (ADR150-11)

2. Intended Use and Role in ADR Transport

ADR150 series gloves are designed for intensive handling operations and the management of dangerous goods in road transport. They constitute an integral component of certified equipment for ADR emergency kits and emergency toolboxes in heavy goods vehicles (HGVs).

- Hand protection against aggressive chemical substances such as grease, motor oils, gasoline, diesel fuels, and selected organic solvents.
- Ensuring excellent grip and object adherence in damp, wet, and oily environments.
- Mechanical resistance of the nitrile coating, limiting the risk of skin abrasions while fastening transport belts or operating discharge/filling hoses.

3. Occupational Health and Safety (OHS) Instructions

CRITICAL OHS WARNING:

It is strictly forbidden to use ADR150 series protective gloves in the immediate vicinity of machines and equipment with moving or rotating structural components. There is a critical risk of the glove material being entangled, dragging the operator's hand into the drive mechanisms of the machinery.

Key rules for safe operation:

- **Pre-use inspection:** Before each commencement of work, a visual and tactile inspection of the technical condition of the nitrile coating must be carried out. Gloves with visible cracks, delamination, or torn seams must be immediately withdrawn from service.
- **Size selection:** Only use a size adapted to the dimensions of the hand (e.g., size 9 for code ADR150-9, size 10 for ADR150-10, size 11 for ADR150-11). A glove that is too loose or too tight drastically reduces dexterity and creates additional operational hazards.
- **Scope of protection:** These gloves belong to personal protective equipment (PPE) mitigating only low to medium-degree hazard risks. They do not protect against heavy impacts, electrical current, high temperatures, or strong concentrated acids.

4. Maintenance, Storage, and Disposal

- **Cleaning:** Contamination from oils and greases should be removed using a damp cloth or a soft-bristled brush. Do not use aggressive chlorinated solvents or wash the gloves in automatic washing machines without consulting the manufacturer.
- **Storage:** The product must be stored in dry, cool, and adequately ventilated rooms. Protect from direct and prolonged exposure to sunlight (UV radiation causes accelerated aging, embrittlement, and cracking of the nitrile elastomer) and direct heat sources.
- **Disposal:** Gloves contaminated with dangerous substances during ADR transport or workshop tasks must be disposed of in accordance with applicable local regulations for industrial/hazardous waste. Do not dispose of them in municipal mixed waste bins.