

### DK-32 Knee Pad

A professional knee pad featuring a buckle strap system and gel-enhanced inner padding, providing both secure fastening and superior comfort. Its durable outer shell offers resistance to demanding surface conditions, while the ergonomic design enhances comfort and performance during extended use.

#### EVA & Gel Foam

Soft padding structure designed for direct contact with the knee.



#### PVC Outer Shell

Protects the knees against impact and abrasion on hard surfaces such as concrete, stone, and metal. Helps distribute concentrated pressure to protect the kneecap.

**Buckle Strap System**  
Provides secure fastening with an adjustable strap.



### Technical Specifications

Outer Shell Material	PVC
Inner Padding Material	EVA & Gel Foam
Carrier Textile Body	600D Polyester
Dimensions	24.5 x 19.5 cm
Size	Standard (Compatible with adjustable strap system)
Carton / Packaging	12 Pair / 1 Pair
Performance	Type 1 - Level 1
Standards	EN 14404-1:2024 EN 14404-2:2024



# STARLINE

## Standards

The **EN 14404:2024** series specifies test methods, performance requirements, and classification criteria for industrial knee protectors intended for kneeling work. This standard has been developed to provide protection against mechanical hazards associated with prolonged knee contact.

**EN 14404-1:2024** – Specifies the test methods for knee protectors, including penetration resistance, force distribution, and ergonomic requirements.

**EN 14404-2:2024** – Specifies the performance and design requirements for wearable knee protectors attached to the leg (Type 1).

This product is classified as Category II Personal Protective Equipment under PPE Regulation (EU) 2016/425.

EN 14404:2024 classifies knee protectors according to penetration resistance and test surface conditions. Tests are carried out on both flat and uneven surfaces. Higher performance levels provide increased resistance to penetration.

This standard specifies the requirements and performance levels for wearable knee protectors (Type 1) intended to reduce knee injuries caused by continuous pressure and penetration during kneeling work. It also specifies marking requirements and the information to be provided by the manufacturer. Where protection against additional hazards is required, the relevant requirements of other applicable standards shall apply.

### HOW TO SELECT PROTECTION PERFORMANCE LEVELS

**Level 0:** Provides protection on flat and uneven surfaces but does not provide penetration resistance.

**Level 1:** Provides protection on flat and uneven surfaces with penetration resistance of  $(100 \pm 5)$  N.

**Level 2:** Provides protection on flat and uneven surfaces with penetration resistance of  $(250 \pm 10)$  N.

## Areas of Use



Construction and  
Building



Flooring Applications



Mechanical  
Maintenance



Assembly Operations

Designed for applications requiring prolonged kneeling. Suitable for use in construction and jobsite activities, ceramic and tile installation, parquet and flooring applications, plumbing and maintenance work, automotive and mechanical service operations, as well as gardening and landscaping.

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## Instructions for Use



### Care and Cleaning

The product should be inspected before each use. Contamination, damage, or improper use may adversely affect its protective performance. The knee pad is not water-resistant. Clean the product by wiping it with a clean cloth. Do not dry the product near heat sources. If any damage is detected, the product should not be used and must be replaced.



### Service Life


The knee pad has a minimum service life of 2 years; however, this period may vary depending on the conditions of use. Environmental factors such as extreme temperatures, chemicals, sunlight, and improper storage may affect the product's performance and service life. The product should be inspected before each use.



### Storage

When not in use, the product should be stored in a dry and well-ventilated area away from extreme temperatures. Changes in environmental conditions, especially temperature and humidity, may reduce its protective performance. Do not place heavy objects on the product. Excessive folding should be avoided whenever possible, and the product should preferably be stored in an upright position. If the product is wet, allow it to dry completely before storage.

## Order Information

MODEL	Size	Barcode	Carton Quantity	Carton Dimensions	 Carton Weight
DK-32	Standard	8680907012133	12 Pairs	59x51x26.5 cm	7.50 kg