



Bhoomii India Packwell Pvt. Ltd.

## Applications

### 1. Automotive & Aerospace

Covers for fuel lines, brake pipes, and wiring harnesses. Protects hoses from heat, abrasion, and fluid spills.

### 2. Engineering & Fabrication

Protection for polished or threaded components (shafts, rods, tubes). Reduces damage during machining, storage, or transport.

### 3. Cable & Electrical Industry

Bundling and insulating electrical cables and wires. Prevents fraying and provides flame resistance.

### 4. Hydraulics & Pneumatics

Wraps for hydraulic hoses to contain leaks and prevent hose whipping. Enhances operator safety in high-pressure systems.

### 5. Logistics & Packaging

Prevents surface damage during shipment of metal or glass parts. Used in mesh form for breathable protective packaging.



## Protective Sleeve

## Specifications

### Parameter

Parameter	Specification
Material:	HDPE, Nylon, Polyester, Kevlar, Fiberglass, Polypropylene
Types:	Braided Sleeve, Mesh Sleeve, Spiral Wrap, Heat Shrink Sleeve, Woven Sleeve
Size Range:	Inner Diameter: 5 mm to 300 mm (customizable)
Length Options:	Standard rolls: 10m–100m or pre-cut pieces
Temperature Resistance:	From -40°C to +200°C (material dependent)
Chemical Resistance:	Resistant to oil, grease, solvents, and mild acids
Color Options:	Black, Red, Blue, Yellow, Transparent, Multi color

## Advantages

- Surface Protection: Prevents scratches, dents, and corrosion on valuable components.
- Heat and Flame Resistance: Suitable for high-temperature applications like automotive and industrial machinery.
- Improved Safety: Reduces risk of hose bursts, electrical shorts, and personal injury.
- Extended Component Life: Minimizes wear and tear due to friction, UV, or chemical exposure.
- Easy to Install & Remove: Flexible design allows quick application on irregular shapes & sizes.
- Cost-Effective: Reduces need for replacements due to damage, improving inventory protection.
- Reusable and Recyclable: Most sleeves can be reused and are eco-friendly depending on material.

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