



Technical Data Sheet (TDS)

Industrial Petroleum Jelly

Product Name

Industrial Petroleum Jelly

Product Description

Industrial Petroleum Jelly is a semi-solid hydrocarbon compound manufactured from refined petroleum oils and waxes. It is specially designed for industrial applications requiring lubrication, moisture resistance, corrosion protection, and surface coating performance.

This technical grade petroleum jelly delivers stable consistency, strong adhesion, and excellent water resistance. Therefore, it is widely used in cable filling compounds, rubber processing, industrial maintenance, machinery lubrication, and metal protection systems.

Unlike cosmetic or pharmaceutical grades, this product is intended strictly for industrial and manufacturing applications.

Product Features

- Excellent lubrication performance
- Strong moisture barrier properties
- Effective rust and corrosion protection
- Good thermal stability
- Smooth and uniform consistency
- Strong adhesion to metal surfaces
- Oxidation resistance
- Long service life
- Easy application
- Reliable industrial performance



Typical Applications

Industrial Petroleum Jelly is suitable for:

- Cable filling compounds
- Electrical insulation support
- Rust prevention coatings
- Machinery lubrication
- Industrial maintenance
- Rubber processing
- Leather processing
- Metal storage protection
- Release agents
- Plastic processing
- Surface preservation
- Mechanical assembly lubrication

Typical Technical Specifications

Property	Test Method	Typical Value
Appearance	Visual	Semi-solid
Color	Visual	Yellow to brown
Odor	Sensory	Mild hydrocarbon odor
Specific Gravity @ 25°C	ASTM D1298	0.82 – 0.88
Melting Point	ASTM D127	45°C – 65°C
Penetration @ 25°C	ASTM D937	120 – 220 dmm
Oil Content	Internal Method	High
Water Resistance	Internal Method	Excellent
Consistency	Visual	Smooth and uniform
Flash Point	ASTM D92	>190°C
Solubility in Water	Visual	Insoluble
Oxidation Stability	Internal Method	Good
Viscosity	ASTM D445	As per grade



Performance Benefits

Lubrication Efficiency

Industrial petroleum jelly reduces friction between moving surfaces. As a result, it helps improve equipment performance and reduce wear.

Corrosion Protection

The product forms a protective layer that shields metal surfaces from moisture and oxidation. Therefore, it supports long-term rust prevention.

Water Resistance

Its hydrophobic nature prevents water penetration. Consequently, it works effectively in cable filling and outdoor industrial applications.

Thermal Stability

The product maintains stable consistency under varying temperature conditions. In addition, it offers dependable storage stability.

Packaging Options

Industrial Petroleum Jelly is available in:

- 25 kg HDPE buckets
- 50 kg pails
- 180 kg steel drums
- IBC containers
- Bulk packaging
- OEM/private label packaging

Custom packaging options are available upon request.



Storage and Handling

- Store in a cool, dry, and well-ventilated area
- Keep containers tightly closed when not in use
- Avoid direct sunlight and excessive heat
- Protect from contamination
- Use appropriate industrial handling procedures

Recommended storage temperature: 15°C to 35°C

Shelf life: Up to 24 months under proper storage conditions.

Safety Information

Industrial Petroleum Jelly is intended only for industrial use.

Users should:

- Avoid direct eye contact
- Use protective gloves during handling
- Follow standard industrial safety practices
- Refer to the Material Safety Data Sheet (MSDS) before use

Regulatory Information

- Non-pharmaceutical grade
- Non-cosmetic grade
- Suitable for industrial and technical applications only
- Manufactured according to industrial quality standards



Supply Capability

Available for:

- Bulk industrial supply
- Export shipments
- OEM manufacturing
- Distributor supply
- Global industrial procurement

Manufacturer/Supplier

Basekim

Industrial Chemical Supplier & Exporter

For technical support, bulk pricing, product specifications, and export inquiries, contact our sales team.