

BOPP FILMS MANUFACTURES

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- PACKAGING FILMS
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WHO ARE WE?

The Nahar conglomerate has been a stalwart in the Indian textile industry since 1949, generating employment and revenue for the country under its flagship brand, Oswal Woollen Mills. With decades of experience in the industry, the group has become a trusted name in textiles and a key contributor to India's economic growth.

In 2011, the group looked to diversify into another fast-growing segment, laying the foundation for Nahar Poly Films. The move proved to be a strategic one, as the demand for biaxially oriented polypropylene (BOPP) films in India and around the world was on the rise. With its reputation for quality and innovation, NAHAR was well-positioned to make a mark in this space.

Today, Nahar Poly Films is a leading manufacturer of BOPP films, catering to a diverse range of industries worldwide. With state-of-the-art manufacturing facilities in India and a skilled workforce dedicated to delivering quality products, the company has earned the trust of its customers and partners. Nahar Poly Films offers a diverse product portfolio that includes BOPP films for packaging, labeling, lamination, and other applications, and the company works closely with its customers to provide customized solutions that meet their unique needs.

OUR MISSION STATEMENT

NAHAR is committed to creating value for all stakeholders by being a leader in each industry in which it operates. We strive to provide high-quality products and services that meet the evolving needs of our customers, while also promoting sustainability and responsible manufacturing practices.

OUR CRYSTAL CLEAR VISION

Our vision is to be a trusted name in every industry we operate in, known for our innovation, quality, and commitment to sustainability. We aim to be a company that not only generates economic value but also contributes positively to society and the environment.

OUR RICH HERITAGE

As Nahar celebrates over 70 years in the textile industry and looks to the future with its foray into BOPP films, the group remains committed to its vision of being a leader in each industry in which it operates. With a passion for excellence and a dedication to quality, innovation, and sustainability, Nahar Poly Films is poised for continued growth and success in the future.



INSIDE THE MANUFACTURING PROCESS: A CLOSER LOOK

Today, Nahar Poly Films' attractively designed manufacturing facility in Mandideep, near Bhopal, India, is home to two 8.7-mtr BOPP lines of the highest quality from Bruckner. The facility is conveniently close to Mandideep's dry dock and Mumbai's seaports. The company in question creates sealable and unsealable, metalized, and non-metalized films. Both domestically and abroad, consumers have been pleased with the company's offerings.

A high-performance 5-layer BOPP line with an inline coating facility makes up the more recent of the two lines. This enables it to produce a number of highly sought-after goods, including white cavitated and colored packaging films, high-barrier and ultra-high-barrier films for snack food packaging, and other labeling films. The company also boasts two cutting-edge metalizers with widths of 2.45 meters and 2.85 meters, which are necessary for every BOPP line.



350+
Workforce



60K TPA
Combined
Production Capacity



25+
Countries Reached



BOPP FILMS

Bopp films are highly transparent, have a uniform surface, and are resistant to chemicals and abrasion. In addition to UV light resistance, particular BOPP films are favored for achieving an effective moisture barrier.

BOPP CAPACITY

- Two BOPP Lines of Bruckner: One 8.7 Meter 3 Layer & One 8.7 Meter 5 Layer.
- Production Capacity 60,000 TPA.
- Two Metallizer from Bobst, One 2.45 Meter & One from 2.85 Meter (K-5 Expert) with Alubond Technique & Plasma. Production Capacity 6KT/Annum & 7.2 KT/Annum (Total 13.2KT/A).
- Two 8.7 Meter Fully Automatic Slitter –Atlas.
- Slit Width: 400mm – 3000mm.
- Roll Outer Diameter 280mm– 1000mm.



PRODUCT RANGE WITH CATEGORY (08 TO 60) MICRONS

PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
HMD	One Side Metallized Non Heat Sealable Film	8/9/10/15	Films for Decorative Applications
HML	One Side Metallized Other Side Heat Sealable Film	15/17/18/20	Packaging & Conversion
MLH	One Side Metallized Other Side Low Heat Sealable Film	18/20/25	PACKAGING & CONVERSION
UHBM	Ultra-High Barrier One Side Metallized Other Side Heat Sealable Film	15/18/20	Pouch/ Sachet Laminates Health and Beauty Care
TPT	Transparent Non Heat Sealable One Side Corona Treated	23/25/29/36/40	Adhesive Tape and Textile Bags
TZB	Transparent Both Side Heat Sealable Film	25/30/35/40	Textile Zipper Bag Application and Conversion
TPL	Transparent Non Heat Sealable Both Side Corona Treated	09/10/12/15	Lamination
TTR	Transparent Non Heat Sealable Both Side Corona Treated Film	12/15/18/20	Reverse Printing & Lamination
TRG	Transparent Non Heat Sealable Release Grade	12/15/20	Release Film for Plywood
TFR	Transparent One Side Corona Treated High Friction Film	18/20/25	Films For Stackable Bags
TPF	Transparent Ultra Clear Non Heat Sealable One Side Corona Treated	25/35	Flower Wrapping & Textile Bags
HHW	White Opaque Both Side Heat Sealable One Side Corona Treated	15/18/20/25/30	Single/ Two PLY Printing, Lamination
HWC	White Opaque Both Side Heat Sealable Both Side Corona Treated	20/25	Cable Over wrapping Application
HPLT	Super White Cavitated, Both Side Hs Both Side Corona Treated Film	30/35/38/40	Wrap Around & Pressure Sensitive Label Application
HHT	Transparent Both Side Heat Sealable	18/20/25/35/40	Printing & Pouching
HLT	Transparent Both Side Low Heat Sealable One Side Corona Treated Film	15/18/20/25/35	Printing & Pouching



PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
HLT-LCF	Transparent Both Side Heat Sealable One Side Corona Treated, Low Cof Film	15/17/18/20/25	High Speed FFS Machine Packaging Application Single or Two PLY Printing & Lamination Confectionery, Bakery & Chips Packing Biscuit Bundle Wrap
HUT	Transparent Both Side Heat Sealable Untreated Low Cof Film	20/25/35	High Speed Packaging Applications
HFR	Transparent One Side Treated, Heat Sealable, High Friction Film	18/20/25	Film For Stackable Bags
HTC	Transparent Both Side Heat Sealable Both Side Corona Treated	20/25	Cable Overwrap
HAF	Transparent Heat Sealable Anti Fog, One Side or Both Side Corona Treated	25/30/35/40	Fresh Products to Be Kept Under Refrigeration or Elevated Temperature
HTT	Both Side Heat Sealable, Both Side Corona Treated	18/20/25/35/40	Printing & Pouching
TPM	One Side Matte Other Side Glossy Non-Hs, Both Side or One Side Treated	12/13/15/18/20	Lamination of Printed Paper with Matte Appearance
HHM	Both Side Heat Sealable, one Side Glossy Other Side Matte Film	20/25	Packaging & Conversion
TML	One Side Matte Other Side Glossy Corona Treated with Hs	12	Extrusion Coating- Base Film for Thermal Lamination Film
LNP	Pearlised Non Heat Sealable One Side or Both Side Corona Treated	35/38	Roll-FED Wrap Around Labels
LHP	Pearlised Both Side Heat Sealable One Side or Both Side Corona Treated	25/30/35/40/45	Single/ Two PLY Printing, Lamination Application
TLT	Transparent Non Heat Sealable Both Side Corona Treated	22/30/38	Label Printing
TLR	Transparent Non Heat Sealable One Side Corona Treated	22/30/38/40	Label Printing



LABEL FILMS

Printed materials, images, and documents are protected by lamination films, which also improve their aesthetic appeal. They are excellent for both indoor and outdoor use because of their high level of durability, resistance to scratches, and protection against environmental elements. Lamination films are available in a variety of materials, coatings, and thicknesses, allowing for personalization. They are also inexpensive, adaptable, and recyclable.

WRAP AROUND LABELS

Thickness: 30, 35, 38, 40, 45, 50

Packaging films wrap, seal, and protect goods during storage and shipment. Plastic films, including polyethylene, polypropylene, and PVC, exist in various thicknesses, widths, and forms. Properties and uses classify packaging films. Some films protect against moisture, oxygen, and other gases, while others improve shelf life and appearance. Stretch, shrink, hoover, and bag films are the most typical packaging films. Stretch films secure pallets for transit, while shrink films firmly wrap and protect objects for retail display. Meat, cheese, and veggies are stored in vacuum pouches.

- Appearance: Transparent, Pearlized, Metallized Pearlized.
- Excellent Stiffness for High-Speed Labeling Machine.
- Outstanding Printability and Mechanical Properties.
- Hot Melt Anchorage and Resistance to Elongation on Labeling Machine.



PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
TLT-TT	Transparent Low Haze Non-Heat sealable on both side corona treated	22/30/38	Labeling
TLR-TI	Transparent Low Haze Non-Heat sealable one side corona treated	22/30/38	Labeling
LNP-TT	Pearlized Non-Heat Sealable one side Or Both side corona treated Film	35/38	Labeling



PRESSURE SENSITIVE LABELS

Thickness: 30, 35, 38, 40

Pressure Sensitive labeling, also known as PSL, can be used on almost any type of material and can be custom-made to fit any shape and size. It is one of the most commonly used labels in the consumer market due to its versatility and high-impact appeal.



FEATURE IN THE POINT	APPLICATION
<ul style="list-style-type: none"> • Excellent Pearl White Appearance. • Excellent Opacity. • Excellent Machinability. • Excellent Hot Tack Properties. • Superb Gloss 	<ul style="list-style-type: none"> • Wrap Around and Pressure Sensitive Label Application.

THE BIG DIFFERENTIATORS

- **Very Good Pearl:** White Effect: Brilliant Pearlescent White Appearance.
- **Superb Gloss:** Imparting Subtle Richness to Branding.
- **Good Antistatic:** Good Machinability.
- **Good Sealing Functionality:** Very good Heat-Seal & Hot-Tack Properties
- **Very Good Printability:** Excellent Encourage of Inks on high Energy Treated side

PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
HPLT	Super White Cavitated, Both Sides Hs Both Side Corona Treated Film	30/35/38/40	Warp Around & Pressure Sensitive Label Application



IN-MOLD LABELS

Thickness: 40,50,60,70

In-mold labeling (IML) is a process of labeling that involves the application of a pre-printed film onto a mold prior to the introduction of plastic material. The plastic pellets or resin are heated and subsequently placed into the mold, where they amalgamate with the label to form a cohesive final product.

- **Appearance:** Transparent, Glossy White, Orange Peel Effect.
- Exceptional Visual Impression Ensuring High-Resolution Images.
- Resist Crack Humidity and Extreme Temperature Changes.
- Advanced Operational Technology Combining Molding and Labeling Processes.
- Environment Friendly
- Wide Range of “**Optics & Haptics**” Options. It Can be Decorated with Different Materials, Inks, and Lacquers

PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
PIML-TT	White Cavitated One Side Matte One Side Glossy, Both Sides Corona Treated	40/50/60/70	Inline Molding



METALLIZED FILMS

Thickness: 8, 9, 10, 12, 15, 18, 20, 25

Metallized films are utilized to enhance both the aesthetic and barrier properties of packaging materials, resulting in improved product shelf life. This process involves the application of a metal layer onto a treated surface of the film to facilitate proper adhesion with the metal. Measurement of the metal deposition is accomplished by utilizing the optical density method, which provides a range of barrier properties.



METALLIZER CAPACITY

- Metallizers of width 2.45 METER & 2.85 METER with Plasma AND ALU Bond
- Production Capacity: (6000 & 7000) TPA.
- Provide Uniform Deposition of Aluminum on the Film Substrates and Resulting Uniformity in Barrier Properties.
- Produce Metallized BOPP Films having Optical Density (OD) of 2.0 - 2.20, 2.50, 2.70 & 2.80.
- High Barrier and High Bond.

PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
MLH	One side Metalized other side Heat sealable Low Seal -105°C	18/20/25	Packaging & Conversion
HML	One side metalized other side low heat sealable film	18/20/25	Packaging & Conversion
HBL	One side metalized other side very low temperature heat sealable film	18/20/25	Packaging & Conversion
HMT	One side is metalized, the other side Non Heat sealable	15	Packaging & Conversion
MMO	Matte metalized & other side heat sealable	20/25	Packaging & Conversion
HMS	One side is metalized, the other side Corona Treated	15/18	Sandwich Lamination
HTM	Metalized High Heat Seal Strength, High Hot Tack & One Side Corona Treated	18/20/25	Metalized for High-Speed Packaging
HMD	One side is metalized, the other side Non-Heat sealable	8/9/10/12/15	Decorative Film



HIGH BARRIER METALLIZED FILMS

Thickness: 15, 18, 20

High-barrier films are cutting-edge materials for packaging that are created to offer items the best protection possible by blocking the absorption of moisture, oxygen, and other gases. These films are created utilizing cutting-edge techniques and components that are highly durable, strong, and resistant to environmental elements including heat, moisture, and chemicals. High-barrier films are frequently used to package delicate goods, including food, medicines, and electronics when maintaining the goods' quality and shelf life is essential.



FEATURE IN THE POINT	APPLICATION
<ul style="list-style-type: none"> Outstanding Oxygen Barrier Outstanding Moisture & Light Barrier Good Treatment retention & metal adhesion Extended shelf life for food products Replacement of Al foil Easy processing at high Speed 	<ul style="list-style-type: none"> Pouch/Sachet Laminates Health and Beauty Care Dry Foods and Beverage Powders Biscuits, Cookies & Crackers Packaging

THE BIG DIFFERENTIATORS

- ULTRA HIGH BARRIER:** Extended shelf life of food products by 50% while retaining their classical freshness, crispness, and aroma.
- Replacement of Aluminum Foil:** Outstanding Oxygen, Moisture & Light Barrier
- Excellent Metal Bond:** Durability and Sustainability of Barriers Under Extreme Conditions much stronger extrusion/adhesive bond strengths.
- Good Resistance to mineral Oil:** Absolute protection of oxidation for cattle chips with significant fat content
- Chlorine Free Solution:** Environment friendly & non-carcinogenic

PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
UHBM	Ultra High Barrier One Side Metallized Other Side Heat Sealable Film	15/18/20	Pouch/ Sachet Laminates Health and Beauty Care



MATTE FILMS

Thickness: 12, 15, 20, 25

Due to their rough surface texture, matte films are a type of packaging film that has a non-glossy, frosted appearance. These films are frequently employed in packaging situations where a chic, subtle appearance is sought. Matte films are frequently used for products like cosmetics, gourmet foods, and luxury goods because they are perfect for giving package materials a smooth, muted appearance. Matte films are also well-liked for high-end products that need both aesthetics and durability since they provide an improved grip and are scratch-resistant.



PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
TPM	One side Glossy another side Matte	12/15/20/25	Matte Wet Lamination Film
TML	Matte both side corona treated - modified layer, for example - Coating	12	Base film for Thermal Lamination
HHM	Both Side Heat Sealable, One Side Glossy Other Side Matte	20/25/30	Packaging & Conversion



ANTI FOG FILMS

Thickness: 25, 30, 35, and 40

This film is both transparent and heat-sealable, with anti-fog properties on both sides due to the corona treatment. One side is suitable for printing, while the other side provides exceptional cold and hot anti-fog effects.



FEATURE IN THE POINT	APPLICATION
<ul style="list-style-type: none"> • Excellent anti-fog Properties • Good Optics • Good Sealing Properties • Good Machinability 	<ul style="list-style-type: none"> • Fresh Products to be kept under refrigeration or elevated Temperature

THE BIG DIFFERENTIATORS

- **Excellent Anti-fog Performance:** Excellent cold and hot anti-fogging effect on one side and printability on another side
- **Excellent Optics:** Finger Print Images.
- **Super Product Visibility:** Anti-mist prevents condensation and ensures excellent product visibility.
- **Excellent Sealing Property:** Excellent heat seal & hot tack strength.
- **Very Good Machinability:** Excellent run ability

PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
HAF	Transparent Heat Sealable Anti Fog, One Side or Both Side Corona Treated	25/30/35/40	Fresh Products to Be Kept Under Refrigeration or Elevated Temperature



PACKAGING FILMS

Packaging films wrap, seal, and protect goods during storage and shipment. Plastic films, including polyethylene, polypropylene, and PVC, exist in various thicknesses, widths, and forms. Properties and uses classify packaging films. Some films protect against moisture, oxygen, and other gases, while others improve shelf life and appearance. Stretch, shrink, hoover, and bag films are the most typical packaging films. Stretch films secure pallets for transit, while shrink films firmly wrap and protect objects for retail display. Meat, cheese, and veggies are stored in vacuum pouches.



PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
HLT-LCF	Transparent both sides, heat sealable One Side Corona Treated, Low Cof Film	15/17/18/20/25	High-Speed FFS Machine Packaging Application Single or Two PLY Printing & Lamination Confectionery, Bakery & Chips Packing Biscuit Bundle Wrap
HFR	Transparent One Side Treated, Heat Sealable, High Friction Film	15/18/20/25	Film For Stackable Bags
TFR	Transparent One Side Corona Treated High Friction Film	15/18/20/25	Films For Stackable Bags
HTT	Both Side Heat Sealable, Both Side Corona Treated	18/20/25/35/40	Printing & Pouching
HHT	Transparent Both Side Heat Sealable	15/18/20/25/35/40/50	Printing & Pouching
HHM	Both Side Heat Sealable, one Side Glossy Other Side Matte Film	20/25	Packaging & Conversion
HLT	Transparent on both sides Low Heat Sealable One Side Corona Treated Film	15/18/20/25/35	Printing & Pouching
TTR	Transparent, Non Heat Sealable Both Side Corona Treated Film	12/15/18/20/25	Reverse Printing & Lamination
TPR	Transparent, Non Heat Sealable One Side Treated Film	12/15/18/20/25	Reverse Printing & Lamination



INDUSTRIAL FILMS

Packaging, construction, and agricultural, industries employ industrial films. These films are constructed of plastics like polyethylene, polypropylene, or PVC to suit performance requirements including strength, durability, and chemical resistance. Properties and uses classify industrial films. Some films insulate, cushion, or soundproof, while others protect against moisture, dust, and other environmental variables. Industrial films are printed and labeled. Construction, greenhouse, geomembrane, protection, and electrical insulation films are the most popular industrial films. Greenhouse films shade crops, whereas construction films block the weather during building construction. Geomembranes line waste containment, water reservoirs, and other industrial applications, while protective films protect surfaces during production, transit, and installation. Electrical insulation sheets shield components from moisture and other external conditions.

PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
TPT	Transparent, Non Heat Sealable One Side Corona Treated	23/25/29/36/40	Adhesive Tape and Textile Bags
TZB	Transparent Both Side Heat Sealable Film	30/35/40/45/48	Textile Zipper Bag Application and Conversion
HTC	Transparent both sides, heat sealable Both Side Corona Treated	20/25	Cable Overwrap
HWC	White Opaque Both sides are heat sealable. Both Side Corona Treated	20/25	Cable Over wrapping Application
TRG	Transparent Non Heat Sealable Release Grade	12/15/20	Release Film for Plywood



OVER WRAP FILMS

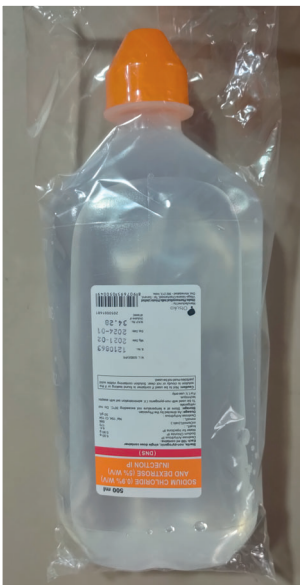
Thickness: 22, 30, 35, 38, 40, 45, 50

Products are shielded with overwrap films for retail displays. These transparent plastic covers enhance the appearance of the objects they cover while shielding them from moisture, dust, and tampering. Products for household usage, personal care, and food can all be overwrapped. Certain overwrap films have tamper-evident seals or anti-fog properties to safeguard product quality. The most common overwrap films shrink and stretch films. Shrink films tightly wrap and fit objects, while stretch films hold and safeguard items on pallets.



FEATURE IN THE POINT	APPLICATION
<ul style="list-style-type: none"> • Excellent Stiffness • Good Optics • Controlled Slip & Antistatic • Excellent Machinability for High-Speed M/C • Good Hot Slip 	<ul style="list-style-type: none"> • High-Speed Packaging applications

PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
HUT	Transparent Both Side Heat Sealable Untreated Low Cof Film	20/25/35	High-Speed Packaging Applications



PAPER LAMINATION FILMS

A type of film called paper lamination film is used to laminate paper goods in order to increase their tensile strength, aesthetic appeal, and protective qualities. Usually comprised of plastics like polyester or polypropylene, these films are intended to adhere to paper under pressure or heat. Numerous products, such as book covers, posters, menus, and packaging materials, use paper lamination films. They have a number of advantages, including enhanced stiffness and opacity, as well as defense against deterioration, moisture, and environmental conditions.

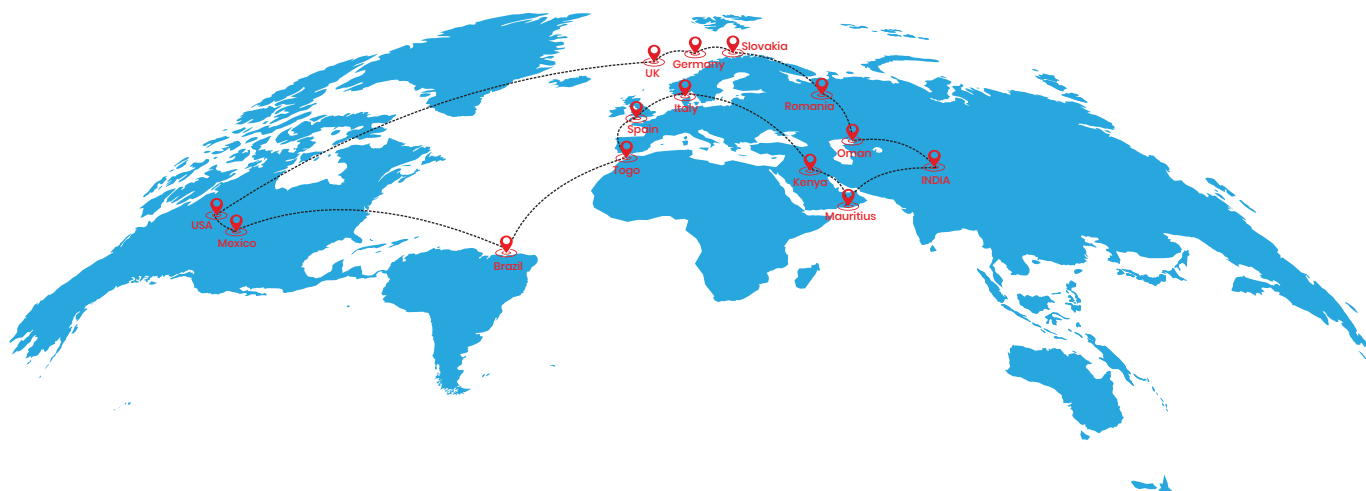


PRODUCT TYPE	DESCRIPTIONS	STANDARD THICKNESS	APPLICATION
HMD	One Side Metallized Non-Heat Sealable Film	8/9/10/15	Films for Decorative Applications
TPM	One side matte, the other side glossy. Non-Hs, Both Side or One Side Treated	12/13/15/18/20	Lamination of Printed Paper with Matte Appearance
TPL	Transparent, Non-Heat Sealable Both Side Corona Treated	09/10/12/15	Lamination







OUR GLOBAL PRESENCE





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
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
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