

**EVERY BOND.  
BUILDS EXCELLENCE.**



VISCID INNOVATIONS



**KABREN**

— ADHESIVE —

**Engineered to Bond.  
Built to Last.**



**EVERY DROP.**

**ENGINEERED FOR STRENGTH.**



**EVERY DROP.**

**DELIVERS PERFORMANCE.**



MATTRESSES



UPHOLSTERY



FOOTWEAR



AUTOMOBILE



APPAREL



WOOD WORKING

Our carefully formulated rubber adhesives are free from harmful odor,  
give the longest lasting bond show excellent coverage properties for such applications



[www.viscidpolymers.com](http://www.viscidpolymers.com)



# ABOUT US

We are amongst the leading manufacturers of adhesives in India. All our product offerings are driven by three decades of relentless research, innovation and market orientation. Long term patronage of our customers in India and abroad has cemented our position as a manufacturer & supplier of next-generation products.

Our constant endeavor to partner with our customers and understand newer substrate bonding needs & challenges has transformed VISCID into a technology powerhouse. It's noteworthy how VISCID has played a role in handling multiple substrate joining challenges faced by some of biggest manufacturers of automobiles, mattresses, furniture and paper products in India today. Our production facilities spread over 28000 sq.ft. machinery and equipment to provide premium quality products.

Our primary goal has been to provide substrate bonding solutions for diverse industry segments who today face challenges of varied performance requirements and dynamic climatic conditions. We endeavor to achieve this goal by partnering with our customers to understand their needs better and thus respond with improved customized products for various applications.



INNOVATION



EXPERTISE



QUALITY



CUSTOMIZATION



STABLE SUPPLY



RESPONSIVE



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# SYNTHETIC RUBBER BASED ADHESIVE



KABREN SR 710

**Ideal for upper making**

KABREN SR 710 is a dark brown coloured synthetic rubber based adhesive. It is a multipurpose adhesive suitable for bonding variety of substrates such as rubber sole, leather sole, EVA, rexine, and upper sole.

## Features

Long tack retention time  
Excellent tack quality  
Low smell  
Good coverage  
Excellent water resistance  
High bond strength

## Applications

Gents sandal  
Casual Shoe  
Safety shoe and  
heavy duty footwear  
Ladies chappal  
Purse



## Typical technical data

| Parameters            | Ranges                           |
|-----------------------|----------------------------------|
| Colour and Appearance | Dark brown medium viscous liquid |
| Density at 30°C       | 0.80-0.84 g/ml                   |
| Viscosity at 30°C     | 1000-1500 cps                    |
| *Tack retention time  | Maximum 30 minutes               |

## KABREN SR 910 / 900 FW

### PRODUCT DESCRIPTION

KABREN SR 910 / 900 FW is a synthetic Rubber based solvent borne contact adhesive specially developed for Footwear and other allied industries. This is a versatile adhesive and is generally recommended for pasting of soles of heavy duty and high quality footwear.

## Typical Properties

## Physical Properties

| Properties          | Specifications          |
|---------------------|-------------------------|
| Appearance          | Dark Honey brown liquid |
| Odour               | Aromatic solvent smell  |
| Viscosity @ 30°C    | 20-25 Poise             |
| Drying time         | 5-10 minutes approx.    |
| Tack retention time | 45 minutes minimum      |
| Flammability        | Flammable               |
| Consistency         | Brushable liquid        |



## APPLICATION AREAS

KABREN SR 910 / 900 FW is used to bond variety of substrates encountered in Footwear assembly viz. sole attaching, lasting, upper making, etc. It is used to bond soles made from Microcellular rubber, Neolite rubber, Cork rubber, all kinds of Leather, EVA to uppers made of leather, certain synthetic fabrics, split leather, etc.

# SYNTHETIC RUBBER ADHESIVE



## KABREN SR8900

### Translucent adhesive for brown coloured leather application

KABREN SR8900 is a translucent synthetic rubber based adhesive. This adhesive is versatile and suitable for most of the substrates including permanent bonding of leather to leather, leather to soles made of MCR, EVA, rubber, cork bonding of foam to rexine, metal and plastics in furniture.

#### Features

Translucent  
High bond strength

#### Applications

Boxes of footwear  
Upholstery fixing  
Seat making  
Interior fabric lining attachment  
in luggage manufacturing



#### Typical technical data

| Property             | Unit    | Test method | Value       |
|----------------------|---------|-------------|-------------|
| Appearance           | -       | -           | Whitish     |
| Density at 30°C      | g/ml    | -           | 0.80 - 0.84 |
| Viscosity at 30°C    | cps     | ASTM D 2196 | 1050 - 1500 |
| *Tack retention time | Minutes | -           | Max. 30     |

\* Tack retention time (open time) is generally measured after evaporation of solvent once adhesive applied in a thin film. It may vary depending upon ambient temperature and humidity condition.

## TOULENE FREE ADHESIVE

### KABREN 2200 TF

#### Single side application and long tack retention adhesive with pale yellow colour

KABREN 2200 TF is a pale yellow coloured synthetic rubber based contact adhesive. This product is designed to provide long tack retention time, excellent tack and light colour. It is recommended for bonding various substrates like EVA, foam, leather and canvas for single side applications in footwear industries.

#### Features

Long tack retention time  
Single side application  
No benzene  
Light colour

#### Applications

Footwear  
Luggage  
Handicraft  
Purse and wallet  
Leather belts



#### Typical technical data

| Property             | Unit  | Test method | Typical range              |
|----------------------|-------|-------------|----------------------------|
| Appearance           | -     | Visual      | Pale yellow viscous liquid |
| Density at 30°C      | g/ml  | -           | 0.83 - 0.88                |
| Viscosity at 30°C    | cps   | ASTM D 2196 | 1300 - 1700                |
| *Tack retention time | Hours | -           | Max. 12                    |

\* Tack retention time (open time) is generally measured after evaporation of solvent once adhesive applied in a thin film. It may vary depending upon ambient temperature and humidity condition.

# TOULENE FREE ADHESIVE



## KABREN 9100 TF

is a golden yellow, fast-drying and high heat resistant, toluene-free, synthetic rubber-based adhesive. It is versatile and suitable for substrates including rubber, leather, wood, rexine, canvas and foam. It is also suitable for bonding similar and dissimilar substrates to achieve a strong bond. High coverage may be achieved if used in appropriate environmental and processing conditions.

### Features

- Heat resistant bond
- High coverage
- Mild smell
- Rapid strength development
- Low absorption on foam

### Applications

- Shoes
- Leather articles



| Test Parameters       | Typical Range      |
|-----------------------|--------------------|
| Colour and appearance | Golden Yellow      |
| Density at 30°C       | 0.87-0.92 g/ml     |
| Viscosity at 30°C     | 1,000-1,600        |
| *Tack retention time  | Maximum 30 minutes |

\*Tack retention time (open time) is the time required for evaporation of solvent, once a thin film of adhesive is applied on the surface. It may vary depending upon room temperature and humidity.

## KABREN 9300 TF

### Fast drying and high heat resistant adhesive

KABREN 9300 TF is a Brown, fast curing and high heat resistant toluene free synthetic rubber based adhesive. This adhesive is versatile and suitable for most of the substrates including rubber, leather, wood, rexin, canvas and foams. It is also suitable for adhering similar and dissimilar substrates to achieve strong bonds. High coverage can be achieved if used at appropriate environmental and processing conditions.

### Features

- Heat resistant bond
- High coverage
- Mild smell
- Rapid strength development
- Low absorption on foam

### Applications

- Shoes manufacturing
- Leather articles
- Insulation
- Mattress
- Carpets
- Automotive interiors
- Furniture



### Typical technical data

| Property             | Unit    | Test method | Typical range |
|----------------------|---------|-------------|---------------|
| Appearance           | -       | -           | Brown         |
| Density at 30°C      | g/ml    | -           | 0.85 - 0.90   |
| Viscosity at 30°C    | cps     | ASTM D 2196 | 1200 - 1800   |
| *Tack retention time | Minutes | -           | Max. 20       |

\* Tack retention time (open time) is generally measured after evaporation of solvent once adhesive applied in a thin film. It may vary depending upon ambient temperature and humidity condition

# NATURAL RUBBER ADHESIVE



## KABREN 216 TF

### Ideal for upper making

KABREN 216 TF is a natural rubber based contact adhesive. It is recommended for temporary bonding required for holding substrates before stitching. KABREN 216 TF is recommended to bond various soft substrates such as leather, foam and fabric.

### Typical technical data

| Parameters            | Ranges                             |
|-----------------------|------------------------------------|
| Colour and appearance | Translucent and low viscous liquid |
| Density               | 0.78 - 0.82 g/ml                   |
| Viscosity at 30°C     | 600 - 1200 cps                     |
| *Tack retention time  | Maximum 5 minutes                  |

\* Tack retention time (open time) is generally measured after evaporation of solvent once the adhesive is applied in a thin film. It may vary depending upon room temperature & humidity condition.

### Features

Good coverage  
Fast drying  
Mild smell  
Ease of application

### Applications

Footwear  
Luggage  
Leather article



## KABREN 95k

KABREN 95k is a natural rubber (crape solution) based toluene free adhesive. KABREN 95k is recommended for temporary bonding before stitching. This adhesive is suitable for substrates such as leather, foam and fabric.

### Typical technical data

| Property             | Unit    | Test method | Typical range |
|----------------------|---------|-------------|---------------|
| Appearance           | -       | -           | Whitish       |
| Density at 30°C      | g/ml    | -           | 0.63 - 0.72   |
| Viscosity at 30°C    | cps     | ASTM D 2196 | 600 - 1200    |
| *Tack retention time | Minutes | -           | Max. 30       |

\* Tack retention time (open time) is generally measured after evaporation of solvent once adhesive applied in a thin film. It may vary depending upon ambient temperature and humidity condition.

### Features

Good coverage  
Fast drying  
Mild smell  
Ease of application

### Applications

Footwear  
Luggage  
Small leather articles

## KABREN 116

KABREN 116 ideal for temporary bonding of leather products and for upper making

KABREN 116 is a natural rubber-based contact adhesive. It is recommended for temporary bonding of substrates like leather, foam and fabric before stitching

### Features

- ease of application
- good coverage
- fast drying



| Test Parameters    | Typical Range |
|--------------------|---------------|
| Viscosity at 30 °C | 600-1,200 cPs |

# KABREN POLYURETHANE PU ADHESIVE



**Description** KABREN PU 639 & 739 is a solvent based PU adhesive that creates a durable bond with synthetic substrates such as PVC, PU, EVA, Phylon, TPR and particularly, leather.

**Advantages**

- Economical
- Good Coverage
- Mild Smell
- Colourless
- Good bond Strength

**Applications** Synthetic Strip making for sandals



**Description** KABREN PU 839 is used in combination with HR clear hardener in a specified ratio. The system is especially designed for the manufacturing of sport shoes where high green tack and rapid grabbing is required. It is also recommended for bonding sole to upper component in the footwear segment. This adhesive system provides a strong durable bond with synthetic substrates such as PVC, PU, EVA, phylon, TPR and leather.

**Advantages**

- Rapid Grabbing
- High Green Tack
- Colourless
- No benzene
- Water resistant and durable bond

**Applications**

- Sport Shoes
- Safety and Industrial Shoes
- Heavy duty Sandals



**Description** KABREN PU 939 is a solvent based, premium adhesive, especially designed for manufacturing of safety and industrial shoes for high strength bonding. It is also recommended for bonding sole to upper component in the footwear segment. This adhesive system provides a strong durable bond with synthetic substrates such as PVC, PU, EVA, phylon, TPR and leather.

**Advantages**

- Good bonding with PVC, PU, TPR and EVA sole
- Good coverage
- Mild smell
- Colourless
- Excellent water resistance

**Applications**

- Men's Sandals
- Causal Shoes
- Safety Shoes
- Heavy Duty footwear



**Packaging** Viscid PU Adhesive in 1Ltr. 5Ltr. & 25Ltr. MS drums. Other packing may be considered on request.

# INDUSTRIAL TOLUENE FREE POLYURETHANE ADHESIVE



## KABREN 1834 TF

### Premium adhesive for sports shoes

KABREN 1834 TF is used in combination with hardener KABREN HR Clear in a specified ratio. The system is specially designed for the manufacturing of sports shoes where high green tack and rapid grabbing is required. It is also recommended for bonding sole to upper component in the footwear segment. This adhesive system provides a strong durable bond with synthetic substrates like PVC, PU, EVA, Phylon, TPR and leather.

#### Features

Rapid grabbing  
High green tack  
Colourless  
No benzene  
Water resistant and durable bond

#### Applications

Sport shoes  
Safety and Industrial shoes  
Heavy duty sandals



### Typical technical data

| Property            | Unit            | Test method | Typical range             |                   |
|---------------------|-----------------|-------------|---------------------------|-------------------|
|                     |                 |             | Resin PU 6000             | Hardener HR clear |
| Colour & Appearance | -               | Visual      | Colourless viscous liquid | Colourless liquid |
| Density at 30°C     | g/ml            | -           | 0.82 - 0.89               | 0.85 - 0.92       |
| Viscosity at 30°C   | cps             | ASTM D 2196 | 900 - 1500                | -                 |
| Mixing ratio        | parts by weight | -           | 100                       | 5                 |

## KABREN 1733 TF

### Superior strength adhesive for PU, TPR, EVA and rubber sole to upper

KABREN 1733 TF is a solvent based premium polyurethane adhesives, which is used in combination with hardener KABREN HR in a specified ratio. It is specially designed for manufacturing of safety and industrial shoes for high strength bonding. It is also recommended for bonding sole to upper component in the footwear segment.

#### Features

Good bonding with PVC, PU, TPR and EVA sole  
Good coverage  
Mild smell  
Colourless  
Water resistance bonds

#### Applications

Casual shoe  
Safety shoe and heavy duty footwear



### Typical technical data

| Property            | Typical range                    |                   |
|---------------------|----------------------------------|-------------------|
|                     | PU 4000                          | HR                |
| Colour & Appearance | Colourless medium viscous liquid | Dark brown liquid |
| Density at 30°C     | 0.82 - 0.88 g/ml                 | 1.18 - 1.30       |
| Viscosity at 30°C   | 1050 - 1800 cps                  | -                 |
| Mixing ratio        | 100                              | 5                 |

## KABREN PRIMER U30

EVA Primer

KABREN U30 is widely used for priming materials with low polarity or non-roughened substrates such as phylon, EVA, compression-moulded preform, etc.

Features

- transparent
- improved bond strength
- anti-yellowing



## KABREN PRIMER E555

Primer for EVA substrates

KABREN E555 is a transparent liquid recommended to be used as a primer for EVA substrates before applying the adhesive.



## KABREN PRIMER P80

Cleaner

KABREN P80 is a ideal for cleaning PVC and PU substrates



## KABREN PRIMER T40

Cleaner

KABREN T40 it is a two components system consisting of powder & liquid for TPR soles it improve bonding strength for TPR soles.



## KABREN HR7605

isocyanate hardener for PU adhesives.

KABREN HR7605 is a hardener used as a cross-linking agent for polyurethane. resins. This mixture is suitable for bonding a variety of substrates such as PU, PVC, EVA and TPR.

## KABREN HR CLEAR 1705

colourless modified isocyanate hardener

KABREN HR CLEAR 1705 clear is a colourless hardener for PU resins recommended for light coloured footwear. The use of the hardener along with PU resin provides excellent transparency, flexibility and adhesion. Optimum results are achieved after 24 hours of adhesive application.

## KABREN SPLV



| Properties                       | Unit    | Test method | Values                                  |
|----------------------------------|---------|-------------|-----------------------------------------|
| Appearance                       | -       | Visual      | Very Light Yellow<br>low viscous liquid |
| Density at 30°C                  | g/ml    | -           | 0.77 - 0.82                             |
| Solid content                    | %       | brokfield   | 36-38                                   |
| Viscosity at 30°C                | c Ps    | ASTM D2196  | 80-120                                  |
| Tack retention time <sup>1</sup> | Minutes | -           | Max 5                                   |

Tack retention time (open time) is generally measured after after evaporation of solvent once adhesive applied in thin film. It may vary depending upon ambient temperature and humid conditions.

## KABREN FIRE RETAREDENT



| Test Parameters       | Typical Range                    |
|-----------------------|----------------------------------|
| Colour and appearance | Light Yellow, Low Viscous liquid |
| Density at 30°C       | 1.00-1.10 g/ml                   |
| Viscosity at 30°C     | 200-250 cPs                      |
| *Tack retention time  | Maximum 10 minutes               |

<sup>1</sup>Tack retention time (open time) is the time required for evaporation of solvent, once a thin film of adhesive is applied on the surface. It may vary depending upon room temperature and humidity.

## KABREN SP21



KABREN SP 21 is a specially developed light yellow coloured, fast bonding, sprayable synthetic rubber-based adhesive. It is used by automobile OEMs and ancillary units.

It is also recommended for upholstery applications such as chairs, mattresses and sofas due to its ease of application. It offers low viscosity with excellent tack properties. It gives high strength and fast bonding to various substrates.

### Advantages

- Mild odour
- High productivity
- Quick strength development
- Instant tack

## KABREN 409



All-purpose rubber adhesive for applications that demand very high bond strength. It is benzene free, fast drying and forms strong permanent bonds. Formulated to be used in heavy-duty applications like wood working and is highly suitable for other applications like foam, synthetic fabrics, leather, mattresses, automotive interiors and many others.

| Test Parameters       | Typical Range                       |
|-----------------------|-------------------------------------|
| Colour and appearance | Light Yellow, medium Viscous liquid |
| Density at 30°C       | 0.82 - 0.86 g/ml                    |
| Viscosity at 30°C     | 1,050-1,500 cPS                     |
| *Tack retention time  | Maximum 30 minutes                  |

<sup>1</sup>Tack retention time (open time) is the time required for evaporation of solvent, once a thin film of adhesive is applied on the surface. It may vary depending upon room temperature and humidity.

# USED IN THIS APPLICATION



FOOTWEAR ADHESIVE



GENERATOR



PLYWOOD



TAPE



MATTRESS



SPRAYABLE ADHESIVE

