



FOOTWEAR INDUSTRY



DENLAKS®

All about adhesives

COMPANY PROFILE

Since the foundation of DENLAKS in year 1974, our main focus is best described as a dedication to customer satisfaction, quality, mankind and environment through professional service and personal integrity. Over 42-year of history, the family-run business is continuously developing under its modern, 18.000m² facilities located in Istanbul and Europe.

As DENLAKS, we continually strive for customer satisfaction in the products we deliver, specifically formulated for footwear, woodworking, construction, textile, paper and packaging, foam and mattress, natural stone and marble, transport and filter industries under our brands DENLAKS, DENLAKS UZIN, RIBOND and GALLUS. Our main business philosophy is providing services and products of the highest quality and persistency, pursuing and supporting innovations, treating business partners fairly, with respect and conducting business with integrity.

There has been a continuous effort to provide 1.200 customers in 45 different countries worldwide, the most efficient and effective service with R&D laboratories, marketing and sales employees and technical advisors during sales and aftersales activities.

In year 1998, we have been awarded with ISO 9002 certification on Quality Management System, reaffirming the company's primary policy and commitment to quality. This certificate was upgraded in year 2010 as ISO 9001:2008 by SGS, which is an international inspection company.

Responsible Care program has been set in the system which shows our commitment and desire to improve the performance in the field of occupational safety, environmental protection and health protection.

A final program has been completed and certified by SGS in 2014, setting our standards related to environmentally oriented requirements, responsibilities, regulations and laws and awarded to carry ISO 14001 Environment Management System Certification.



INTERNATIONAL MARKETING NETWORKS

Together with our partners, Denlaks is one of the leading manufacturer of various adhesives and auxiliary chemicals since 1974. Taking the experience and advantages provided by its 42nd anniversary, Denlaks has focused its attention on accelerating growth by strengthening its Group capabilities and developing in global business.

In the last 10 years we have reinforced and expanded our brand Denlaks globally with creation of different cooperation's in Germany and US, subsidiaries in Bulgaria, India and finally in Netherlands.

We offer customer-based solutions for the footwear, construction, transport, woodworking and packaging industries. Our corporate headquarter in Istanbul is the core and heart of the Denlaks Group. The 150 highly-qualified members of staff deal with the multitude of tasks from production, R&D, logistics and in many different business units. This allows us to create and advance best possible perspectives for our 1.200 customers in 45 different countries worldwide.



All about adhesives



SOLVENT BASED ADHESIVES

Product	Characteristics	Base	Viscosity at 20°C, Brookfield 20 RPM [cps]	Drying Time at 20°C [min]	Open Time at 20°C [min]	Activation Temperature [°C]	Application	Packaging Type
Upper Bonding								
T 28	Premium quality contact adhesive. High heat resistance and final bond strenght. Available in yellow and transparent colour. Gluing of genuine leather, artificial leather, textile, fiber boards etc.	Polychloroprene	2500 ± 250	15-30	up to 45	-	brush, roller, spray (2-2.5 mm)	14 kg (0.8 kg - 3 kg 170 kg)
T 68 TF	Premium quality contact adhesive. High heat resistance and final bond strenght. Does not contain toluene. Gluing of genuine leather, artificial leather, textile, fiber boards etc.	Polychloroprene	2250 ± 250	15-20	up to 40	-	brush, roller, spray (2-2.5 mm)	14 kg (0.8 kg - 3 kg 170 kg)
INTER 333 - 640	Economic strong contact adhesive. Specially developed for pulling over and side lasting process. Short open time. High heat resistance.	Polychloroprene	2250 ± 250	-	up to 15	-	brush, roller, spray (2-2.5 mm)	13 kg (0.8 kg - 3 kg 170 kg)
INTER 333	Economic strong contact adhesive. Long open tack time. Gluing of genuine leather, artificial leather, textile, fiber boards etc.	Polychloroprene	2250 ± 250	15-30	up to 55	-	brush, roller, spray (2-2.5 mm)	14 kg (0.8 kg - 3 kg 170 kg)
INTER 500	Economic strong contact adhesive. Long open tack time. Gluing of genuine leather, artificial leather, textile, fiber boards etc.	Polychloroprene	2250 ± 250	15-30	up to 55	-	brush, roller, spray (2-2.5 mm)	13 kg (0.8 kg - 3 kg 170 kg)
T 190	Economic strong contact adhesive. Gluing of genuine leather, artificial leather, textile, fiber boards etc.	Polychloroprene	2250 ± 250	15-30	up to 55	-	brush, roller, spray (2-2.5 mm)	13 kg (0.8 kg - 3 kg 170 kg)

SOLVENT BASED ADHESIVES

Product	Characteristics	Base	Viscosity at 20°C, Brookfield 20 RPM [cps]	Drying Time at 20°C [min]	Open Time at 20°C [min]	Activation Temperature [°C]	Application	Packaging Type
Upper Bonding								
T 640 C	Economic strong contact adhesive. Available in yellow and transparent colour. Long open tack time. Gluing of genuine leather, artificial leather, textile, fiber boards etc. High viscosity appropriate for high absorbent materials.	Polychloroprene	3000 ± 300	15-30	up to 55	-	brush, roller, spray (2-2.5 mm)	14 kg (0.8 kg - 3 kg 170 kg)
T 988	Premium quality one sided contact adhesive. High heat resistance and final bond strenght. Appropriate for steel shank insole production machines. Available also in toluene free version (T-988 TF).	Polychloroprene	3000 ± 300	-	up to 3-5	-	brush, roller, spray (2-2.5 mm)	14 kg (0.8 kg - 3 kg 170 kg)
T 68	Highest bond strenght contact adhesives in small tubes. Suitable for DIY or repairs application.	Polychloroprene	2400 ± 300	15-20	up to 30-40	-	brush	50 gr (100 pc per box) 150 gr (50 pc per box)
T 999	Strong one sided insole lining adhesive, toluene free. Excellent application properties due to low viscosity. Available also in high viscosity formule (T-999 HV).	Synthetic Elastomer	450 ± 25	-	up to 3-5	-	brush, spray (1.8 mm)	14 kg (0.8 kg - 3 kg 170 kg)
F 30	Excellent natural rubber solution for the fixation of natural leather uppers parts before stitching. Also applicable in manufacturing leather goods eg: bags, belts etc.	Natural Rubber Solution	2250 ± 250	5-10	up to 10-15	-	brush	9 kg (5.7 kg - 18 kg)
F 60	Excellent natural rubber solution for the fixation of high absorbent natural leather, artificial leather and textile uppers parts before stitching.	Natural Rubber Solution	6000 ± 500	5-10	up to 10-15	-	brush	9 kg (18 kg)

SOLVENT BASED ADHESIVES

Product	Characteristics	Base	Viscosity at 20°C, Brookfield 20 RPM [cps]	Drying Time at 20°C [min]	Open Time at 20°C [min]	Activation Temperature [°C]	Application	Packaging Type
Sole Bonding								
TP 3100	Premium quality sole adhesive. High heat resistance and final bond strength. Excellent application properties. Available also in toluene free version (TP 3100 TF). Gluing of all types of soles.	Polyurethane	3500 ± 250	10-20	up to 6 h (with 2.comp) up to 1 day (without 2.comp)	60-70	brush, roller	14 kg (0.8 kg-3 kg-170 kg)
TP 3300	Premium quality sole adhesive. High heat resistance and final bond strength. Gluing of all types of soles.	Polyurethane	2700 ± 200	10-20	up to 6 h (with 2.comp) up to 1 day (without 2.comp)	60-70	brush, roller	14 kg (0.8 kg-3 kg-170 kg)
TP 3600	Premium quality sole adhesive. High heat resistance and final bond strength. Toluene free. High initial tack. Short open time enables fast production. Gluing of all sole types.	Polyurethane	3750 ± 250	10-20	up to 6 h (with 2.comp) up to 1 day (without 2.comp)	55-70	brush, roller	15 kg (0.8 kg-3 kg-170 kg)
TP 2102	Premium quality sole adhesive. High heat resistance and final bond strength. Gluing of all sole types.	Polyurethane	3700 ± 300	10-20	up to 6 h (with 2.comp) up to 1 day (without 2.comp)	60-70	brush, roller	14 kg (0.8 kg-3 kg-170 kg)
TP 88 TF	Economic strong sole adhesive. Toluene free. Gluing of all sole types.	Polyurethane	2000 ± 200	10-20	up to 6 h (with 2.comp) up to 1 day (without 2.comp)	60-70	brush, roller	14 kg (0.8 kg-3 kg-170 kg)
TP 88 T	Economic strong sole adhesive. Gluing of all sole types.	Polyurethane	3750 ± 250	10-20	up to 6 h (with 2.comp) up to 1 day (without 2.comp)	60-70	brush, roller	14 kg (0.8 kg-3 kg-170 kg)

WATER BASED ADHESIVES

Product	Characteristics	Base	Viscosity at 25°C, Brookfield 20 RPM [cps]	Drying Time at 20°C [min]	Open Time at 20°C [min]	Activation Temperature [°C]	Application	Packaging Type
Upper Bonding								
SB 126	Fast setting adhesive. High initial tack. Especially suitable for bonding porous substrates to non-porous or porous substrates with minimal drying time. It has flexible film and high heat resistance.	Polychloroprene	1250 ± 250	20-30	up to 4-5 hours	-	spray (1.2-1.4 mm)	5 kg
SB 128	Fast setting adhesive. Especially suitable for bonding porous substrates to non-porous or porous substrates with minimal drying time. It has flexible film and high heat resistance.	Polychloroprene	6000 ± 2000	-	up to 5-10	-	brush, roller	7,5 kg
MC 29	Especially used in belts, bags and upper of shoes production. It's therefore suitable to combine materials under pressure requiring a strong initial tack and a long open time.	Vinyl Acrylic	750 ± 150	20-30	up to 3 days	-	spray (1.2-1.4 mm)	5 kg
MC 55	For the adhesion of uppers made from leather, textile, sponge and linings before stitching. Due to its high initial tack, it can also be applicable in manufacturing leather goods eg: bags, belts etc.	Vinyl Acrylic	750 ± 150	20-30	up to 1-2 hours	-	spray (1.2-1.4 mm)	7,5 kg
SB-TS 30	For the adhesion of uppers made from leather, textile, sponge and linings before stitching. Due to its high initial tack, it can also be applicable in manufacturing leather goods eg: bags, belts etc.	Vinyl Acrylic	5000 ± 1000	20-30	up to 10-15	-	spray 1,2-1,4 mm	7,5 kg
Sole Bonding								
SB 210 + DENPUR 600	Premium quality two component polyurethane adhesive. Gluing of all sole types.	Polyurethane	6000 ± 2000	30-45	up to 6-8 hours	65-75	brush	7,5 kg+0,35 kg
SB 350 + DENPUR 600	Premium quality two component polyurethane adhesive with a low viscosity. Gluing of all sole types.	Polyurethane	1750 ± 250	30-45	up to 6-8 hours	65-75	spray (1.2-1.4 mm)	7,5 kg+0,35 kg

PRIMERS

Product	Characteristics	Viscosity at 20°C, Brookfield 20 RPM [cps]	Drying Time at 20°C [min]	Open Time at 20°C [min]	Activation Temperature [°C]	Application	Packaging Type
Sole Primers							
PRIMER 285 S	Two component primer for TR rubber soles.	-	15-30	up to 4 hours	-	brush	1 lt (15 bottles per box) 15 kg
PRIMER 300 S	Two component primer for sanded natural and synthetic rubber soles.	-	15-20	up to 4 hours	-	brush	1 lt (15 bottles per box) 15 kg
PRIMER ST 900	One component primer for TR rubber, sanded natural rubber, synthetic rubber soles.	-	15-20	up to 4 hours	-	brush	1 lt (16 bottles per box)
PRIMER EVA 97	Primer for sanded EVA soles.	-	15-20	up to 72 hours	-	brush	1 lt (12 bottles per box) 15 kg
PRIMER EVA 99 UV	Primer for not sanded EVA soles.	-	15-20	up to 40 min (for UV process) up to 1 week (for bonding process)	-	brush	1 lt (12 bottles per box) 13 kg
PRIMER DENSOL V	Cleaning agent for PVC, PU TPU soles.	-	15-20	up to 24 hours	-	brush	1 lt (16 bottles per box) 15 kg
Sole/Upper Primers							
PRIMER CLEANER	Cleaning solution for removing remains of adhesives.	-	na	na	-	cotton cloth	1 lt (12 tins per box)
PRIMER 490 S	Primer for PU soles and greasy leathers which sanding and priming can not be applied before adhesion.	-	15-20	up to 48 hours	-	brush	1 lt (12 bottles per box)

HOTMELT

Product	Characteristics	Base	Appearance	Working Temperature [°C]	Packaging Type
PS 7050	Bonding of leather, felt and EVA with insole during insole lining process.	PSA type	Yellowish-transparent/block	140-170	0.5 kg / block (50 pc /box)
PS 7200	Bonding of leather, felt and EVA with insole during insole lining process.	PSA type	White-transparent/block	140-170	0.5 kg / block (50 pc /box)
S 7500	Used instead of nails or staples for temporary fixation of an insole (with or without shank) to the bottom of the last.	Hotmelt	White-transparent /granule	140-180	10 kg / carton box
PAM 2510	Hotmelt adhesive rod for pulling over and lasting machines. With an appropriate melting point, setting time and the viscosity, the adhesive is especially formulated for automatic shoe lasting machines.	PA	Yellow / rod	200-210	30 kg
PAM 2410	Hotmelt adhesive rod for pulling over and lasting machines. With an appropriate melting point, setting time and the viscosity, the adhesive is especially formulated for automatic shoe lasting machines.	PA	Yellow / rod	200-210	30 kg
PER 3000	Hotmelt adhesive rod for pulling over and lasting machines. With an appropriate melting point, setting time and the viscosity, the adhesive is especially formulated for automatic shoe lasting machines.	PE	White / rod	230-240	24 kg
PER 3200	Hotmelt adhesive rod for pulling over and lasting machines. With an appropriate melting point, setting time and the viscosity, the adhesive is especially formulated for automatic shoe lasting machines.	PE	White / rod	230-240	24 kg
G 110 - 111	Low viscosity thermoplastic polyamide in granules with good bonding on fabrics, leather, paper, wood, etc.Used in the shoe industry on thermofolding and side lasting machines.	PA	Yellowish-transparent / granule	130-140	20 kg / paper bag



- Since every adhesive type has its own characteristics, storage conditions are optimized accordingly.
- Store at temperatures between 10°C-25°C, on wooden pallets.
- Place containers kept in too cold conditions, with thickened product content, in a warm area and stir repeatedly.
- Protect from water, frost, moisture and heavy weather conditions.
- Observe safety information on product label as well as material safety data sheet.
- For solvent based and Hot Melt products, shelf life is 1 year from date of manufacture, under appropriate conditions.
- For water based products, shelf life is 6 months from date of manufacture, under appropriate conditions.



- For safety please refer to the full MSDS and TDS of the related product.

- When using do not eat or drink.



- Wear eye/face protection.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

- Take precautionary measures against static discharges.



- Use only in well-ventilated areas.
- Keep container tightly closed in a cool, well-ventilated place.

- Carefully and tightly seal opened containers and use the contents as quickly as possible.



- Wear suitable protective clothing, gloves and eye/face protection.
- Avoid contact with skin and eyes.

- Keep away from sources of ignition - No smoking.



- Do not empty into drains, sewers or ground. Dispose of this material and its container at hazardous or special waste collection point.
- Disposal should be in accordance with local, state or national legislation.

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TECHNICAL PRODUCT CATALOGUES

