ADHESIVE - for Shoes and Leather Goods

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An ISO 9001 company, established in 1975

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Grafted Adhesive

Product Name	Appearance	Viscosity (30°) [cPs]	Notes
GR-2000	Light yellow viscous liquid	1,800 - 2,200	TOLUENE FREE. Long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Has good heat resistance. Excellent workability.
GR-2200	Light yellow viscous liquid	2,000 - 2,400	Long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Good heat resistance. Excellent workability.
GR-3200	Light yellow viscous liquid	3,000 - 3,400	TOLUENE FREE. Medium viscosity with long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Good heat resistance. Excellent workability.
GR-3400	Light yellow viscous liquid	3,200 - 3,600	Medium viscosity with long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Good heat resistance. Excellent workability.
GR-4400	Light yellow viscous liquid	4,200 - 4,600	TOLUENE FREE. High viscosity with long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Good heat resistance. Excellent workability.
GR-4600	Light yellow viscous liquid	4,400 - 4,800	High viscosity with long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Good heat resistance. Excellent workability.
GR-5600	Light yellow viscous liquid	5,400 - 5,800	TOLUENE FREE. High solid content with long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Good heat resistance. Excellent workability.
GR-5800	Light yellow viscous liquid	5,600 - 6,000	High solid content product with longer tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Good heat resistance. Excellent workability.

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Polyurethane (PU) Adhesive

Product Name	Appearance	Viscosity (30°) [cPs]	Notes
PU-2000	Translucent viscous liquid	1,800 - 2,200	TOLUENE FREE. Long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Non-yellowing. Good heat resistance. Excellent workability.
PU-2200	Transparent viscous liquid	2,000 - 2,400	Long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Non-yellowing. Good heat resistance. Excellent workability.
PU-3200	Translucent viscous liquid	3,000 - 3,400	TOLUENE FREE. Medium viscosity with long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Non-yellowing. Good heat resistance. Excellent workability.
PU-3400	Transparent viscous liquid	3,200 - 3,600	Medium viscosity with long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Non-yellowing. Good heat resistance. Excellent workability.
PU-4400	Translucent viscous liquid	4,200 - 4,600	TOLUENE FREE. High viscosity with long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Non-yellowing. Good heat resistance. Excellent workability.
PU-4600	Transparent viscous liquid	4,400 - 4,800	High viscosity with long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Non-yellowing. Good heat resistance. Excellent workability.
PU-5600	Translucent viscous liquid	5,400 - 5,800	TOLUENE FREE. High solid content and long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Non-yellowing. Good heat resistance. Excellent workability.
PU-5800	Transparent viscous liquid	5,600 - 6,000	High solid content and long tack time. For bonding PVC, PU, EVA, rubber, TPR, nylon, phylon, fabrics and leather. Good initial bond strength. Non-yellowing. Good heat resistance. Excellent workability.

Hardener for PU Adhesive

Product Name	Appearance	Specific Gravity (30°C)	Notes
Selodur RF (E)	Light yellow liquid	1.14-1.15	TOLUENE FREE. For use with solvent based polyurethane adhesive. Increases bond strength, heat resistance, oil resistance and water resistance. It has good initial bond strength when compared with Desmodur RF-E.

Primer for PU Adhesive

Product Name	Appearance	Viscosity (30°) [cPs]	Notes
PU-40	Fluorescent liquid	20 - 60	TOLUENE FREE. Excellent priming effect. Good for PU, PVC, leather (both midsoles and outsoles) and TPU materials. Resistant to plasticizer migration. Transparent when dry. Use without hardener.
PU-50	Fluorescent liquid	30 - 70	Excellent priming effect. Special primer for polyester fabric shoe upper materials. Transparent when dry. Much improves the bonding of high density woven materials. Use with 4% hardener Selodur RF (E).
PU-60	Fluorescent liquid	40 - 80	Excellent priming effect. High performance primer for surface treatment of nylon, hytrel and pebax materials. Does not contain phenol (which is highly toxic). Transparent when dry. Use with 4% hardener Selodur RF (E).
PU-80	Fluorescent liquid	60 - 100	Excellent priming effect. For surface treatment of PU, PVC leather midsoles, PVC leather outsoles and TPU materials. Resistant to plasticizer migration. Transparent when dry. Use without hardener.
PU-120	Fluorescent liquid	100 - 140	TOLUENE FREE. Excellent priming effect for buff leather, non-buff leather and non-woven shoe uppers. Assistant primer for UV treated phylon. Maximises interfacial cohesion. Resistant to plasticizer migration. Transparent when dry.
PU-160	Fluorescent liquid	140 - 180	Excellent priming effect. For buff leather, non-buff leather and non-woven shoe upper materials. Assistant primer for UV treated phylon. Maximises interfacial cohesion. Resistant to plasticizer migration. Transparent when dry. Use with hardener.
PU-240	Fluorescent liquid	220 - 260	TOLUENE FREE. Excellent priming effect. For buffed leather and skin mesh fabric shoe upper materials. Assistant primer for treated hard EVA. Maximises interfacial cohesion. Resistant to plasticizer migration. Transparent when dry.
PU-280	Fluorescent liquid	260 - 300	Excellent priming effect. For buffed leather and skin mesh fabric shoe upper materials. Assistant primer for treated hard EVA. Maximises interfacial cohesion. Resistant to plasticizer migration. Transparent when dry. Use with hardener.

Primer for PU Adhesive

Product Name	Appearance	Specific Gravity (30°)	Notes
NU-790	Fluorescent liquid	0.78 - 0.80	TOLUENE FREE. Excellent priming effect. For hard die-cut EVA midsoles and surface treatment of non-UV cured CMP (compression moulded pre-form phylon). Transparent when dry. Use without UV light activation.
NU-810	Fluorescent liquid	0.80 - 0.82	TOLUENE FREE. Excellent priming effect. For die-cut EVA midsoles. Increases bond strength with phylon when surfaces are roughened. Assistant primer for UV treated IP (injected phylon). Maximises interfacial cohesion. Use without UV light activation.
NU-850	Fluorescent liquid	0.84 - 0.86	Excellent priming effect. For die-cut EVA midsoles. Increases bond strength with phylon when surfaces roughened. Assistant primer for UV treated IP (injected phylon). Maximises interfacial cohesion. Use without UV light activation.

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Primer for PU Adhesive

Product Name	Appearance	Specific Gravity (30°)	Notes
P-800	Fluorescent liquid	0.79 - 0.81	TOLUENE FREE. Excellent priming effect. For non-buff vulcanized rubber, rubber sponge and TPR outsoles. Two component product (mix with 1.6-2.0% of the chlorinated compound supplied). Transparent when dry.
P-820	Fluorescent liquid	0.81 - 0.83	TOLUENE FREE. Excellent priming effect. For non-buff vulcanized rubber, rubber sponge and TPR outsoles. Two component product (mix with 1.6-2.0% of the chlorinated compound supplied). Transparent when dry. Non-yellowing for light coloured rubber outsoles.
UV-800	Fluorescent liquid	0.78 - 0.82	TOLUENE FREE. Excellent priming effect. UV light curing primer for CMP (compression moulded pre-form phylon) and IP (injected phylon). Fast curing. Transparent when dry. Non-yellowing for white phylon midsoles.
UV-840	Fluorescent liquid	0.83 - 0.85	Excellent priming effect. UV light curing primer for CMP (compression moulded pre-form phylon) and IP (injected phylon). Fast curing and transparent when dry. Non-yellowing for white phylon midsoles.
NU-830	Fluorescent liquid	0.82 - 0.84	Excellent priming effect. For hard die-cut EVA midsoles and surface treatment of non-UV cured CMP (compression moulded pre-form phylon). Transparent when dry. Use without UV light activation.

Cleaner and Dilutant for PU Adhesive

Product Name	Appearance	Specific Gravity (30°)	Notes
SVN-11	Clear liquid	0.89 - 0.90	TOLUENE FREE. Substitute solvent for EA (Ethyl Acetate). For cleaning clear rubber outsoles (after the application of P-800 or P-820 primer and before the primer dries). Will correct the yellowing caused by the primer.
SVN-14	Clear liquid	0.785 - 0.805	TOLUENE FREE. Substitute solvent for di-methyl ketone (Acetone). Use before application of primer. For cleaning PU soles, PVC soles, synthetic leather and TPU air bag. It is also a dilutant for solvent based toluene free PU and CR adhesives.
SVN-16	Clear liquid	0.795 - 0.815	TOLUENE FREE. Substitute solvent for MEK (Methyl Ethyl Ketone). Use before application of primer. For cleaning PU soles, PVC soles, synthetic leather and TPU shank. It is also a dilutant for solvent based toluene free PU and CR adhesives.
SVN-18	Clear liquid	0.94 - 0.96	TOLUENE FREE. Substitute solvent for Anone (Cyclohexanone). Normally used before application of primer. For cleaning PU soles, PVC soles, synthetic leather and TPU shank. It is also a dilutant for solvent based toluene free PU adhesive.
SVN-34	Clear liquid	0.76 - 0.78	TOLUENE FREE. Substitute solvent for Cyclohexane (c-Hx). Use to clean and finish both components and complete shoes. It is also a dilutant for solvent based toluene free CR adhesive.
SVN-142	Clear liquid	0.74 - 0.76	TOLUENE FREE. Mild and non-damaging. Solvent based cleaner to use after bonding. For finishing both components and complete shoes. User friendly - contains no highly toxic substance, such as benzene or toluene.

Polychloroprene Contact Adhesive (CR, Neoprene, Yellow Glue)

Product Name	Appearance	Viscosity (30°) [cPs]	Notes
W1 (World Grade)	Light yellow viscous liquid	2,000 - 2,160	For most shoe materials including leather, vulcanised rubber and neolite. Solid Content 19-20%, Open Time (30°C) 10-30 minutes
A-88	Light yellow viscous liquid	3,700 - 3,900	Good for most shoe materials and EVA lamination. Solid Content 15.5-16.5%, Open Time (30°C) 30-120 minutes
A-60	Yellow reddish viscous liquid	5,000 - 5,400	Good for use with most shoe materials. Solid Content 18.5-19.5%, Open Time (30°C) 30-120 minutes
A-300	Light yellow viscous liquid	3,000 - 3,400	For most shoe materials. For leather unit soles, lasting, insoles and heel bonding. Solid Content 21-22%, Open Time (30°C) 30-120 minutes
A-300LV	Light yellow viscous liquid	2,500 - 3,000	For most shoe materials. For leather unit soles, lasting, insoles and heel bonding. Solid Content 20.5-21.5%, Open Time (30°C) 15-30 minutes
AP-207LV	Yellow translucent viscous liquid	3,400 - 3,600	For most shoe materials. For leather unit soles, lasting, insoles and heel bonding. Solid Content 21-22%, Open Time (30°C) 15-60 minutes
K-402J	Yellow translucent viscous liquid	2,600 - 2,800	For most shoe materials; EVA foam, heel bonding, lasting and insoles. Solid Content 19.5-20.5%, Open Time (30°C) 15-30 minutes
S-751W	White translucent viscous liquid	450 - 500	SPRAY GRADE. For most shoe materials; PVC, leather, EVA, unit soles, lasting, insoles and heel bonding. Solid Content 18-19%, Open Time (30°C) 30-120 minutes
S-7555AW	Blue white translucent viscous liquid	2,400 - 2,520	For most shoe materials; PVC, leather, EVA, unit soles, lasting, insoles and heel bonding. Solid Content 24.5-25.5%, Open Time (30°C) 10-60 minutes
SB-499	Yellow translucent viscous liquid	200 - 300	SPRAY GRADE. Good for most shoe materials; PU, PVC and EVA. Solid Content 13.5-14.5%, Open Time (30°C) 15 minutes
Big Yellow	Yellow translucent viscous liquid	4,500 - 4,700	Good for use with most shoe materials including leather, vulcanised rubber and neolite. Solid Content 19.5-20.5%, Open Time (30°C) 20-60 minutes
A-637	Yellow reddish viscous liquid	1,000 - 1,300	Good for use with most shoe materials. Solid Content 13-14%, Open Time (30°C) 15-60 minutes

Polychloroprene Contact Adhesive (CR, Neoprene, Yellow Glue)

Product Name	Appearance	Viscosity (30°) [cPs]	Notes
NRC-412	White viscous liquid	6,000 - 6,500	Special grade for the lamination of cotton, cloth, EVA and PVC. Solid Content 18.5-19.5%, Open Time (30°C) 15-60 minutes
SB-632	Yellow translucent viscous liquid	300 - 400	SPRAY GRADE. Good for use with most shoe materials. Solid Content 12.5-13.5%, Open Time (30°C) 15 minutes
WORLD A-99	Dark brown translucent viscous liquid	6,300-7,300	Can be used with most shoe materials. Solid Content 22-23%, Open Time (30°C) 15-60 minutes
A-366LV	Yellowish translucent viscous liquid	2,000-3,000	Good for use with most shoe materials. Solid Content 14.5-15.5%, Open Time (30°C) 15-60 minutes

Grafted Polychloroprene Contact Adhesive

Product Name	Appearance	Viscosity (30°) [cPs]	Notes
A-90	Light yellow transparent viscous liquid	4,700 - 5,000	Long tack time. For PVC, PU and other materials. Good for leather shoes and sports shoes. Solid Content 21-22%, Open Time (30°C) 3-4 hours
A-90D	Light yellow transparent viscous liquid	1,900 - 2,100	For PVC, PU, rubber, EVA and other materials. Good for leather fashion shoes. Solid Content 19-20%, Open Time (30°C) 2-3 hours
NP-600A	Light yellow transparent viscous liquid	4,400 - 4,600	For PVC, PU and other materials. Good for leather fashion shoes and heel bonding. Solid Content 19-20%, Open Time (30°C) 30-90 minutes
NP-3600	Light yellow transparent viscous liquid	3,700 - 3,900	For PVC, PU, rubber, EVA and other materials. Good for leather fashion shoes. Solid Content 20-21%, Open Time (30°C) 3-4 hours
NP-7020	Light yellow translucent viscous liquid	1,900 - 2,100	For PVC, PU, rubber, EVA and other materials. Good for leather fashion shoes. Solid Content 17.5-18.5%, Open Time (30°C) 1-3 hours

Grafted Polychloroprene Contact Adhesive

Product Name	Appearance	Viscosity (30°) [cPs]	Notes
NP-7082	Light yellow transparent viscous liquid	2,720 - 2,880	Good for use with PVC, PU, leather, rubber, EVA and other materials. Solid Content 19-20%, Open Time (30°C) 1-3 hours
NP-7093	Light yellow transparent viscous liquid	2,720 - 2,880	For use with PVC, PU, leather, rubber, EVA and other materials. Solid Content 19.4-20.4%, Open Time (30°C) 2-3 hours
NP-8787	Light yellow transparent viscous liquid	3,700 - 3,900	Use with PU, PVC, leather, rubber, EVA and other materials. Solid Content 20-21%, Open Time (30°C) 3-4 hours

Polyurethane (PU) Contact Adhesive

Product Name	Appearance	Viscosity (30°) [cPs]	Notes
PU-150	Colourless transparent viscous liquid	2,800 - 3,000	Good for sports shoes and sandals. For fabric, leather, PU, PVC and rubber soles. Solid Content 16-17%, Open Time (30°C) 2-4 hours
PU-300 HV	Colourless transparent viscous liquid	4,500 - 4,800	High viscosity. Good for sports shoes and sandals. For fabric, leather, PU, PVC and rubber soles. Solid Content 17.5-18.5%, Open Time (30°C) 3-5 hours
PU-300 B	Black viscous liquid	4,500 - 4,800	High viscosity. Good for sports shoes and sandals. For fabric, leather, PU, PVC and rubber soles. Solid Content 17.5-18.5%, Open Time (30°C) 3-5 hours
PU-300	Colourless transparent viscous liquid	3,900 - 4,100	Good for sports shoes and sandals. For fabric, leather, PU, PVC and rubber soles. Solid Content 16.5-17.5%, Open Time (30°C) 3-5 hours
PU-330 HV	Colourless transparent viscous liquid	9,300 - 9,700	Very high viscosity. Good for sports shoes and sandals. For fabric, leather, PU, PVC and rubber soles. Solid Content 18.2-19.2%, Open Time (30°C) 4-5 hours

Polyurethane (PU) Contact Adhesive

Product Name	Appearance	Viscosity (30°) [cPs]	Notes
PU-330	Colourless transparent viscous liquid	6,300 - 6,500	Good for use with fabric, leather, PU, PVC, rubber and neolite. Solid Content 18.5-19.5%, Open Time (30°C) 4-5 hours
PU-333	Colourless transparent viscous liquid	1,920 - 2,080	Good for use with fabric, leather, PU, PVC, rubber, neolite and many other materials. Solid Content 14.5-15.5%, Open Time (30°C) 2-4 hours

Solvent Based Primer [for use with Polychloroprene Adhesive]

Product Name	Appearance	Specific Gravity (30°)	Notes
P-5 A/B	Colourless transparent liquid	0.76 - 0.78	Special high strength primer for vulcanized rubber, neolite and TPR soles. Solid Content 2%
P-82	Light yellow liquid	0.842 - 0.856	Special product (high strength) for use with rubber and neolite soles. Solid Content 1.75-2.25%
P-105	Light yellow liquid	0.77 - 0.88	Good for vulcanized rubber and TPR soles. Solid Content 9-9.5%
P-910	Light yellow transparent liquid	0.86 - 0.87	For use with EVA midsoles, rubber, EVA and neoprene materials. Solid Content 4-5%
P-2200	Light yellow liquid	0.835 - 0.860	Good general purpose product for PVC, PU-leather, PU soles and neolite soles. Solid Content 2.3-2.5%
P-2400	Light yellow liquid	0.85 - 0.86	Special primer for PVC, PU-leather, PU soles and neolite soles (that have a gloss surface). Solid Content 1.75-2.25%

Modified Toluene Free Primer [for use with Polyurethane (PU) Adhesive]

Product Name	Appearance	Viscosity (30°) [cPs]	Notes
PU-323	Colourless fluorescent liquid	200 - 220	Good for leather, PVC and PU materials. When used with phylon materials this product will reinforce the bond strength.
NU-39	Colourless fluorescent liquid	-	Non-UV primer. Use with soft EVA sponge, moulded EVA and compressed phylon materials. Solid Content 3-4%
P-5 A/B	Colourless fluorescent liquid	-	Good for vulcanized rubber, thermoplastic rubber and some metals. Solid Content 0.76-0.78%
P-6 A/B	Colourless fluorescent liquid	-	For use with vulcanized rubber, thermoplastic rubber and some metals. Solid Content 0.76-0.78%
P-7 A/B	Colourless fluorescent liquid	-	Special anti-yellow primer for vulcanized rubber, thermoplastic rubber and some metals.

Solvent Based Primer [for use with Polyurethane (PU) Adhesive]

Product Name	Appearance	Specific Gravity (30°)	Notes
P-105	Light yellow liquid	0.87-0.88	Good to use with vulcanized rubber and TPR soles.
P-108A	Colourless transparent liquid	0.82-0.83	For use with leather, PVC and PU materials.
P-420	Colourless fluorescent liquid	0.875-0.895	This is a high strength product which is good for leather, PVC and PU materials.

Solvent Based Hardener

Product Name	Appearance	Specific Gravity (30°)	Notes
Selodur RF	Light yellow liquid	1.22-1.24	Isocyanate hardener to use with solvent based polychloroprene adhesive
Selodur RF (E)	Light yellow liquid	1.14-1.15	Isocyanate hardener to use with solvent based polyurethane adhesive and solvent based polychloroprene adhesive