JAMEA AL ANWAR
EXCELLENCE WITH TRUST

probe
Conveyor & Process Belts

DESIGNED TO ACHIEVE
HIGH QUALITY
PRINT RESULTS.

BELTING FOR THE PRINTING INDUSTRY

probe
JAMEA AL ANWAR International FZCO
P.O. Box: 18250 | National Industries Park | Dubai - U.A.E.

ABOUT PROBE:

Since 2002, Jamea Al Anwar has been a trusted name in belting and power transmission. Taking yet another leap into the limitless realm of possibilities in 2012, our brand, Probe emerged as the premier choice for leaders in the Power Transmission and Material Handling; specializing in conveyor and process belts, flat transmission belts, and tailored technical solutions, Probe is celebrated for its Knowledge-Based Solutions that tackle challenges with precision. Driven by relentless research and continuous technical upgrades, we meet rigorous international standards while prioritizing sustainability. Our strong design capabilities ensure compatibility and optimal outcomes through meticulous project assessments. Ultimately, we streamline sourcing with competitively priced, high-quality solutions and exceptional support, embodying our core values of excellence with trust.

Precision of tension for your high speed **printing industry**

Probe's range of conveyor belts are crucial in the printing industry, expertly designed to meet rigorous machinery demands. Made from high-friction rubber and precision-engineered fabrics, they maintain tension and alignment for high-speed operations. Their smooth surfaces ensure consistent ink transfer and accurate colour registration, delivering top-quality prints.

Probe belts are known for their superior performance, including nylon core skive-splice and finger-splice options. These belts enhance efficiency, reduce downtime, and lower total ownership costs. Ideal for a variety of applications—from gravure and web offset to bookbinding—Probe belts empower commercial printers and packaging facilities with unmatched reliability.

THE PROBE ADVANTAGE

Switching to Probe offers more than just cost savings, safety and hygiene; it also positively impacts auditor perceptions. Processors will notice improved evaluations with Probe belting in place.

ONSITE INSTALLATION AND REPAIR

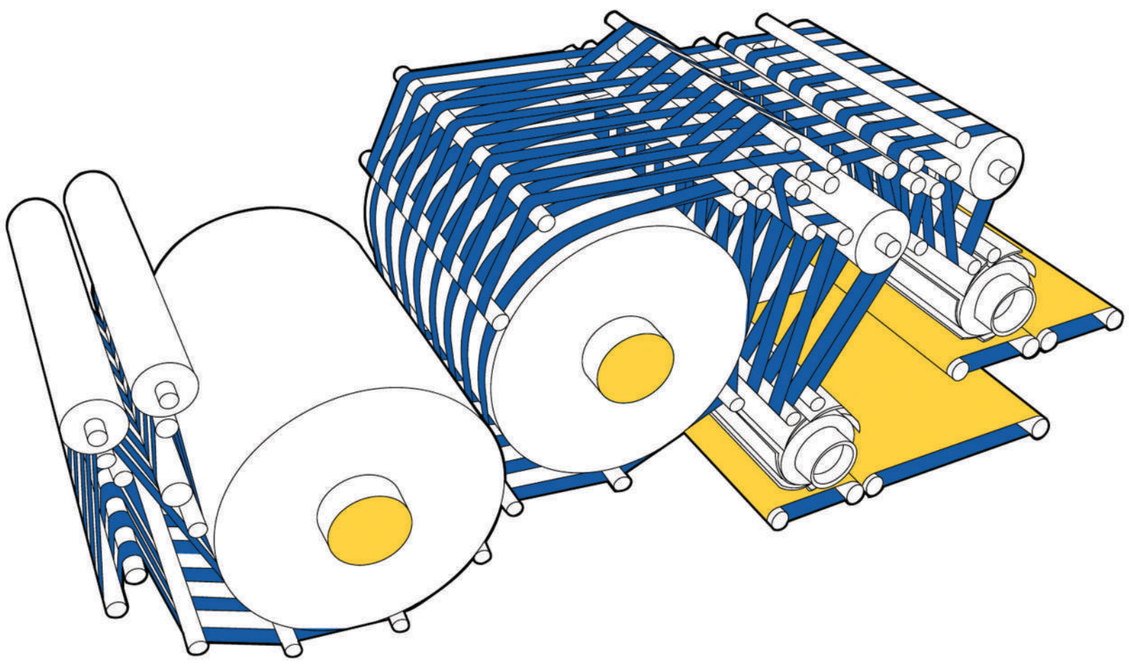
Probe's highly skilled team is equipped for rapid onsite installation and repairs, committed to minimising downtime with expert technical support. Known for fabricating entire systems, we also handle turnkey projects requiring precision and meticulous planning. Our reputation for reliability ensures seamless service and exceptional results in conveyor systems.

Transforming Printing Operations with Probe's Advanced Conveyor Belts that feature:

- HACCP compliant for stringent food safety standards
- Non-staining and easy to clean for minimal contamination
- Durable construction ensures a long service life
- Temperature resistant for extreme conditions and chemicals
- Clean-in-place design streamlines maintenance
- Flexible and mechanically resistant for enhanced durability
- product positioning with various friction coefficients
- Reduced downtime and fray-free edges for reliable performance
- Cut and abrasion resistant, maintaining integrity under challenging conditions




BELTS FOR PRINTING



GRAVERE PRINTING

Specifications:

PolyBelt™ *PolySprint™* **NLG™**

Products		Belt type	Thickness (mm)	Surface material	Tension member	Minimum pulley diameter (mm)	Standard elongation (%)	Temperature range (°C)	Printing Processes				Bookbinding Processes				Conveyor
									Offset Sheet Fed Press	Offset Web Press	Gravure Rotary Press	Newspaper Rogary Press	Collator	Folding machine	Saddle Sticher line	Bookbinder	
Polybelt		**TPS-3SN (NEW)**	1.10	PA special fabric (purple) / NBR Coating fabric (black)	PA	Ø30	1	–20~+80		●							
		KCS-350	1.10	PA fabric (blue) / NBR Coating fabric (black)	PA	Ø30	1	–20~+80		●							
		KCS-500	1.20	PA fabric (blue) / NBR Coating fabric (black)	PA	Ø40	1	–20~+80		●							
		SG-250	0.80	NBR Coating fabric (green) / NBR Coating fabric (black)	PA	Ø20	1	–20~+80	●								
		SG-350	0.95	NBR Coating fabric (green) / NBR Coating fabric (black)	PA	Ø30	1	–20~+80	●			●	●		●		●
		SG-500	1.10	NBR Coating fabric (green) / NBR Coating fabric (black)	PA	Ø40	1	–20~+80	●	●				●	●		
		SGL-500	1.30	NBR Coating fabric (green) / NBR (black)	PA	Ø50	1	–20~+80		●							
		SG-750-2P	1.10	NBR Coating fabric (green) / PA (clear)	PA	Ø50	1	–20~+80				●					
		L-250	1.25	NBR (blue) / PA fabric (black)	PA	Ø25	1	–20~+80									●
		L-350	1.40	NBR (blue) / PA fabric (black)	PA	Ø35	1	–20~+80		●						●	●
		L-500	1.55	NBR (blue) / PA fabric (black)	PA	Ø50	1	–20~+80		●						●	
		LS-350	1.20	NBR (blue) / NBR Coating fabric (black)	PA	Ø35	1	–20~+80								●	
		LS-500	1.35	NBR (blue) / NBR Coating fabric (black)	PA	Ø50	1	–20~+80								●	
		IRTA-350	1.15	NBR (green) / PA fabric (blue)	PA	Ø30	1	–20~+80		●							
		GLTA-350	1.45	NBR (blue) / PA fabric (blue)	PA	Ø35	1	–20~+80		●							●
PolySprint	PE fabric tension member	**TTP-8E18N NEW**	1.80	Special fabric (purple) / Special fabric (white)	PE	Ø40	1	–20~+60			●	●					
		TTZ-4E10LF NEW	1.00	Special fabric(white) / Special fabric (NBRcoating) (green)	PE	Ø30	1	–20~+60	●	●		●	●	●	●	●	●
		TTF-4E10	1.00	Special fabric (gray) / Special fabric (gray)	PE	Ø15	1	–20~+60	●								●
		FZ-5E12	1.25	Special fabric (NBRcoating) / NBR (green)	PE	Ø35	1	–20~+60	●	●		●	●	●	●	●	●
		LA-4E14	1.40	NBR (blue) / NBR (blue)	PE	Ø25	1	–20~+60						●	●	●	●
		TFL-15E20	2.00	NBR (dark blue) / NBR (black)	PE	Ø40	1	0~+60				●					●
		DB-4E14	1.40	TPU (blue) / TPU (blue)	PE	Ø25	1	–20~+60									●
		SLA-8E14	1.40	NBR (blue) / NBR (blue)	PE	Ø25	1	–20~+60				●	●				●
	Elastic Type	**GTD NEW**	1.35	NBR (dark blue) / TPU (black)	—	Ø25	5	0~+60					●	●	●	●	●
		NTD NEW	1.35	TPU (blue) / TPU (black)	—	Ø25	5	0~+60					●	●	●	●	●
		TA09	0.90	TPU (blue) / TPU (black)	—	Ø20	5	–20~+60					●	●	●	●	●
		TA12	1.20	TPU (blue) / TPU (black)	—	Ø25	5	–20~+60					●	●	●	●	●
		TA-S6	0.90	Knit (blue) / TPU (black)	Knit	Ø25	5	–20~+60					●	●	●	●	●
		HTA09	0.90	Hard TPU (green) / TPU (black)	—	Ø25	5	–20~+60					●	●	●	●	●
		NTA	1.00	Knit (blue) / TPU (black)	—	Ø25	5	–20~+60					●	●	●	●	●
		TC	1.40	TPU (green) / TPU (black)	—	Ø40	5	–20~+60					●	●	●	●	●

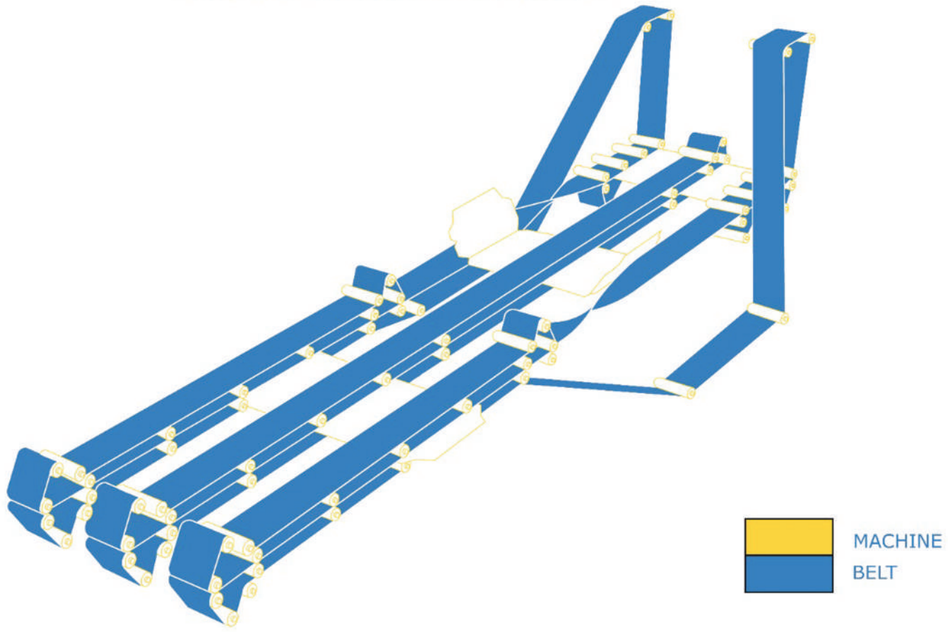
1 Also possible to use the reverse side depending on application.
Material PA: Polyamide PE: Polyester TPU: Thermoplastic Polyurethane NBR: Nitrile Rubber

2 For finger splice.

3 Tension measured after running for 200 hours.

Notes
- Minimum endless length is 400mm. (except SLA-8E14, TFL-1 5E20, which are 1000mm)
- Please contact us for minimum endless length of PolyBelt and NLG.
- Please contact us for NLG splicing tools.

XH SERIES FOR FOLDE ER MACHINE



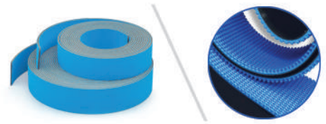
Belts for Folder Gluer Machine Specifications

Products	Belt Type	Thickness (mm)	Surface material (Color)	Tension Member *1	Minimum Pulley Diameter (mm)	Tension @standard Elongation (N/mm)	Standard Elongation (%)	Temperature Range (°C)	Application	
									Feeder	Folding Section
SEB	SE-A-NR	2.0 ~ 14.0	NR (Blue)/ CR (Black)	PE Cord	80	3.75	0.5	-20 ~ +60	•	
SEB	SE-A-WN	2.0 ~ 12.0	NR (White)/ CR (White)	PE Cord	80	3.75	0.5	-20 ~ +60	•	
SEB	SE-A-GN	2.0 ~ 12.0	NR (Green)/ CR (Black)	PE Cord	80	3.75	0.5	-20 ~ +60	•	
PolyBelt	XH-500-3	3.0	NBR (Blue)/ NBR (Blue)	PA Film	50	3.8	1	-20 ~ +80		•
PolyBelt	XH-500-4	4.0	NBR (Blue)/ NBR (Blue)	PA Film	60	3.8	1	-20 ~ +80		•
PolyBelt	XH-500-6	6.0	NBR (Blue)/ NBR (Blue)	PA Film	80	3.8	1	-20 ~ +80		•
PolyBelt	XH-750-3	3.0	NBR (Blue)/ NBR (Blue)	PA Film	60	5.6	1	-20 ~ +80		•
PolySprint	XH-8E30	3.0	NBR (Blue)/ NBR (Blue)	PE Fabric	40	8.0	1	-20 ~ +60		•
PolySprint	XH-8E40	4.0	NBR (Blue)/ NBR (Blue)	PE Fabric	50	8.0	1	-20 ~ +60		•

*1 PE: Polyester, PA: Polyamide

WORKING PARTNERS

NITTA — Polyamide Conveyor belt



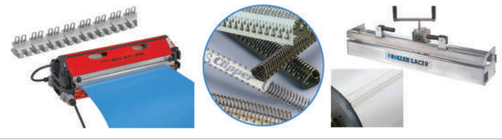
Volta™ Belting Technology — Homogenous and anti-bacterial belts

sit — Power transmission

JK Pioneer — Coupling, timing pulley

Fenner Drives® — Linked belt, PU cord PU round, PU V belts

FLEXCO — Mechanical Fastners



MEGADYNE — Timing belts

HUTCHINSON® — Ribbed belts Application based rollers

BLACKBELT® THE ORIGINAL BELT — Industrial belts Automotive belts

ENGINEERING PRODUCTS

PROBE'S RANGE OF ENGINEERING PRODUCTS

VALUES