

ANSA®

2025

PRODUCT CATALOG

COLLECTION

Innovation meets strength in every yarn.

High-performance polypropylene yarns designed for packaging, agriculture, and industry. Durable solutions, sustainable impact, and global trust — all crafted by ANSA.

Contact

+90 549 549 53 39

Website

www.ansa.tr

E-mail

info@ansa.tr



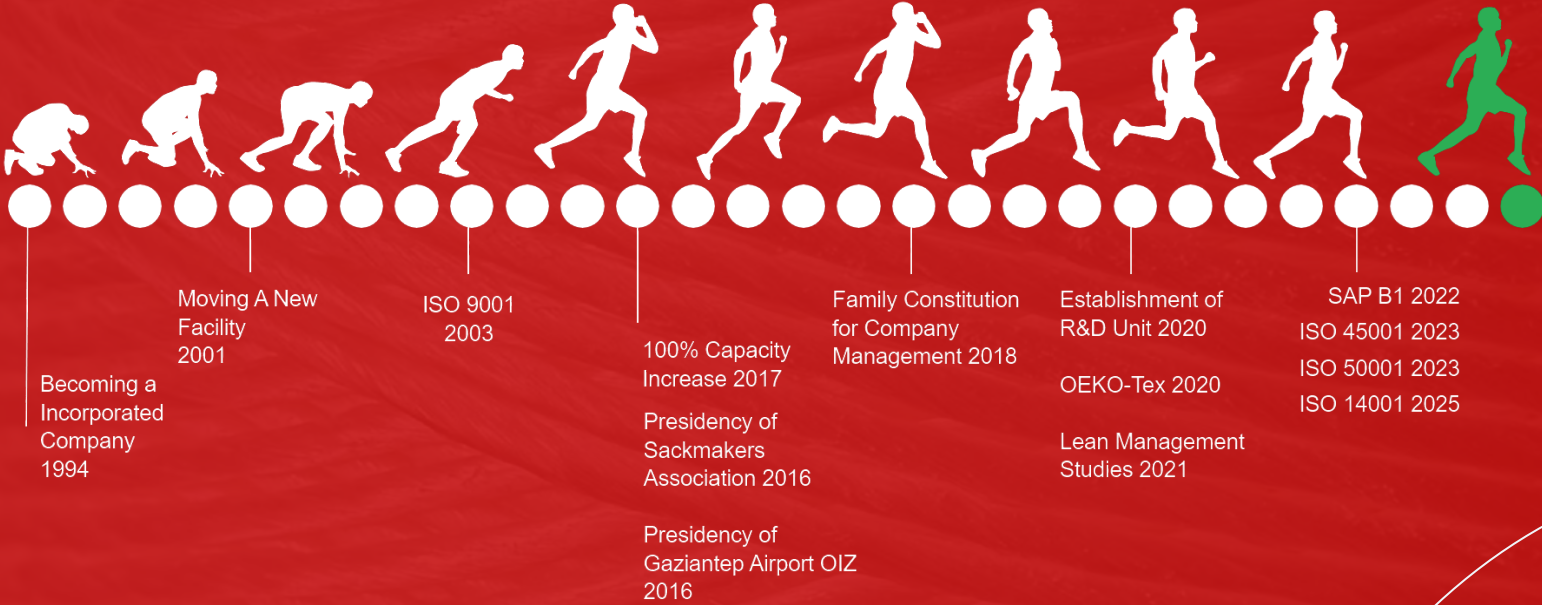


CORPORATE

ANSA, which has always had a place in its sector with its commercial principles that have not changed since its establishment, is one of the exemplary companies in its sector with its experienced staff and service approach that does not compromise on quality.

- Founding Date: **1982**
- Place of Establishment: **Gaziantep Airport OIZ**
- Usage Area: **5.500 m2** open area, **14.500 m2** closed area
- Production Amount: **12,000 tons/year** (Average)
- Field of Activity: Polypropylene Fibrilized Yarn Manufacturing, Food Packaging, Industrial Textile Products and more.

SINCE 1982



MISSION

By striving for excellence in quality and customer satisfaction, we aim to differentiate ourselves in our industry with environmentally conscious, sustainable, and energy-efficient solutions. By embracing occupational health and safety principles, we aim to be a leading company that builds a safe and healthy future for our employees and society.

VISION

We offer our customers innovative and reliable solutions with high-quality products in our respective sectors, embracing sustainability, energy efficiency, and environmental awareness as fundamental principles in all our processes. Aware of our responsibilities to society and nature, we aim to create lasting value in our sector by maximizing customer satisfaction throughout our operations.



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14001



50001



45001



9001

INTEGRATED MANAGEMENT SYSTEMS

OEKO
TEX®

At ANSA, we believe that sustainable growth can only be achieved through integrity, responsibility, and continuous improvement. Our corporate policies form the foundation of how we operate, guiding us to uphold ethical business practices, protect the environment, and create long-term value for our stakeholders.

With internationally recognized certifications such as OEKO-TEX® and CE, we ensure that our products meet the highest standards of safety, quality, and environmental responsibility. These commitments reflect not only compliance with global requirements, but also our dedication to exceeding customer expectations across every market we serve.

Our approach is built on:

- Transparency and accountability in every stage of production,
- Respect for people by fostering equal opportunity, diversity, and safe working conditions,
- Sustainability through responsible use of resources and continuous innovation,
- Customer trust by consistently delivering reliable and certified products.

For us, corporate policies are not just written statements — they are the principles that shape our decisions, define our culture, and guide us toward a better future.

Corporate Policies: www.ansa.tr

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AGRICULTURE / PACKAGING / INDUSTRIAL



PACKAGING GROUP

PACKING TWINE



Designed specifically for small-scale packaging, these specialized yarns offer smooth winding for easy use. With their high tensile strength, they ensure secure packaging of heavy items. Available in both center-wound and cardboard tube options, they cater to a variety of packaging needs. Particularly for delicate products, the yarn's reduced surface friction with the product minimizes the risk of damage.

PACKING TWINE

Technical Information	Type	T1800
	m/kg	1800
	Breaking Load (kg)	23
	Spool Weight (kg)	1
	Length / Spool (m)	1800
	Spool / Bag	20
	Kg / Bag	20
	Color	Natural, Black, Blue, Green, Red, Yellow

The form of packaging and color may vary according to customer demand.



PACKAGING GROUP

BAG CLOSING TWINE



These high-tensile strength twines are specifically designed for securely sealing bag mouths using a sewing needle. Their robust and durable construction prevents bag tears and ensures the protection of the contents, guaranteeing the longevity of your bags.

BAG CLOSING TWINE

Technical Information	Type	T1000
	m/kg	1000
	Breaking Load (kg)	41
	Spool Weight (kg)	1
	Length / Spool (m)	1000
	Spool / Bag	20
	Kg / Bag	20
	Color	Natural

The form of packaging and color may vary according to customer demand.

PACKAGING GROUP

PACKAGE TWINE



Designed for versatile applications, this high-strength binding twine ensures the secure transportation of heavy loads. Its low elongation rate helps maintain the shape of packages and its resistance to abrasion ensures durability. Available in various thicknesses and lengths, our twines cater to a wide range of packaging needs.

PACKAGE TWINE

Technical Information	Type	T500
	m/kg	500
	Breaking Load (kg)	81
	Spool Weight (kg)	2
	Length / Spool (m)	1000
	Spool / Bag	10
	Kg / Bag	20
	Color	Natural

The form of packaging and color may vary according to customer demand.



PACKAGING GROUP

BALE TWINE



Designed for large bags and heavy loads, these ropes offer exceptional durability thanks to their friction resistance. Their consistent fibrillation allows for easy knotting and prevents unraveling. With high tensile strength, they can safely handle heavy weights and maintain performance under demanding conditions.

BALE TWINE

Technical Information	Type	T300
	m/kg	300
	Breaking Load (kg)	135
	Spool Weight (kg)	5
	Length / Spool (m)	1500
	Spool / Bag	4
	Kg / Bag	20
	Color	Natural

The form of packaging and color may vary according to customer demand.

PACKAGING GROUP

PP ROPE



These versatile yarns, available in diameters ranging from 2mm to 6mm and in 3-4 ply constructions, are used in a wide range of packaging and industrial applications. Their high tensile strength ensures the safe handling of heavy loads. Manufactured to meet industry standards, these yarns fulfill the quality expectations of the sector.

Type	PP ROPE			
	Diameter (mm)	Breaking Load (N)	Weight (g/m)	Ply (n)
TR030	3	2450	4,9	3
TR035	3,5	2650	5,8	3
TR040	4	4000	8,6	3
TR045	4,5	4400	8,9	3
TR050	5	4900	10,3	3
TR060	6	7100	15,1	3

Spool weight and packaging shape may vary according to customer demand.

INDUSTRIAL GROUP

CONCRETE REINFORCEMENT FIBER



ConFib Microfibers & Macrofibers are engineered from 100% virgin polypropylene, precisely designed in a micro-fibrillated form to enhance concrete performance. Through this, effectively minimize the risk of cracking due to plastic shrinkage and settlement by creating a network system in concrete. These fibers go a step further, enhancing the overall durability and toughness of the concrete, making it a more valid construction material.

	CONFIB FB MICROFIBER	CONFIB MF MICROFIBER	CONFIB MACRO-48
Material	%100 virgin polypropylene	%100 virgin polypropylene	%100 virgin polypropylene
Standard	ASTM C1116/C1116M EN 14889-2	ASTM C1116/C1116M EN 14889-2	ASTM C1116/C1116M EN 14889-2
Specific gravity	0,91 g/cm ³	0,91 g/cm ³	0,91 g/cm ³
Cut Length	6-12-19-25 mm	6-12-19-25 mm	48 MM
Tensile Strength	400 MPa	360 MPa	600 MPa
Modulus of Elasticity	7 GPa	3-3,5 GPa	10 GPa
Alkali, acid and salt resistance	Excellent	Excellent	Excellent
Water Absorption	None	None	None
Melting Point	140 °C	140 °C	140 °C

Confib MF synthetic microfibers are shipped in water-soluble packages ready to be added directly to the mixer or concrete batching plant. 0.6 to 2 kg water-soluble packages and 25 kg boxes are available. ConFib Macro-48 is available in 1,5 kg water-soluble packages. Customized packing configurations are available upon request.

INDUSTRIAL GROUP

CARPET WEFT & WARP YARN



Specifically designed for outdoor carpets, these yarns offer enhanced UV resistance, extending the life of the carpet. Their low tension properties and uniform structure ensure seamless processing during carpet production, resulting in higher quality and longer-lasting carpets.

	INDUSTRIAL CARPET WEFT YARN	INDUSTRIAL CARPET WARP YARN
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Technical Information	Shrinkage (130 °C)	%0,3 mean	%0 – %0,75
	Shrinkage (150 °C)	%0,75 mean	%0,75 – %1,5
	Elongation	%8-12	%7 max.
	Spin Finish Oil	%1 – %2	%1 – %2
	Spool Weight (kg)	6,25	6,25
	Spool Diameter (cm)	26 – 30	26
	Spool Height (cm)	29	29
	Pallet Weight (kg)	500	500

The form of packaging may vary according to customer demand.



INDUSTRIAL GROUP

BIG BAG SEWING YARN



A specially engineered high-strength, low-elongation yarn for lifting webbings of Big Bags (FIBCs). Delivers secure and durable performance even under heavy load conditions. Resistant to abrasion, UV exposure, and harsh weather environments.

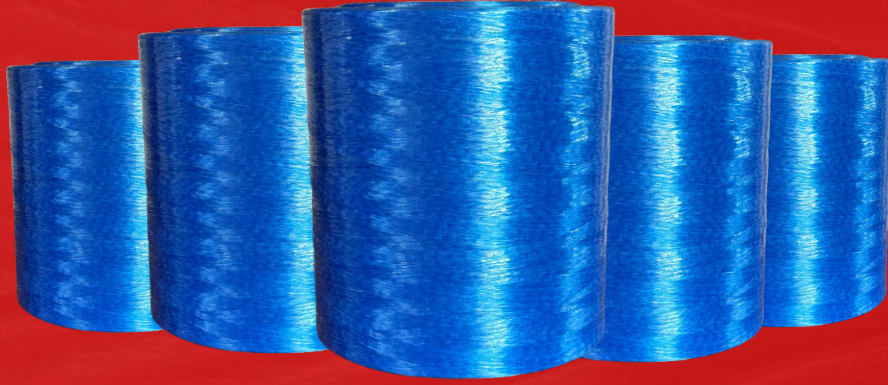
BIG BAG SEWING YARN

Technical Information	Type	T3000	T2250	T2000
	m/kg	3000	2250	2000
	Denier	3000	4000	4500
	Breaking Load (N)	162	216	243
	Oil Lubrication	10%	10%	10%
	Spool Weight (kg)	7	7	7
	Length / Spool (m)	21000	15750	14000
	Spool / Pallet	80	80	80
	Kg / Pallet	560	560	560
	Color	Natural, Blue, Black, Red		

The form of packaging and colour may vary according to customer demand.

INDUSTRIAL GROUP

BIG BAG COLUMN WEBBING YARN



Big bag column webbing yarn is a special high-strength and low-elongation yarn used in the weaving of big bag webbings with high load-carrying capacity. Thanks to its superior durability, it ensures the safe transport of heavy loads and offers a long service life.

BIG BAG COLUMN WEBBING YARN

Technical Information	Type	R4500	R3000	R2000
	m/kg	4500	3000	2000
	Denier	2000	3000	4500
	Breaking Load (N)	108	162	243
	Spool Weight (kg)	7	7	7
	Length / Spool (m)	31500	21000	14000
	Spool / Pallet	80	80	80
	Kg / Pallet	560	560	560
	Color	Natural, Blue, Black, Red		

The form of packaging and colour may vary according to customer demand.



INDUSTRIAL GROUP

ELASTIC COLUMN WEBBING YARN



A specially developed yarn offering high elasticity and tensile strength for webbing, straps, and narrow fabric production. It is resistant to abrasion, deformation, and environmental factors, ensuring long-lasting and durable performance. UV-resistant options are also available.

ELASTIC COLUMN WEBBING YARN

Technical Information	Type	R9000	R5625	R5000
	m/kg	9000	5625	5000
	Denier	1000	1600	1800
	Breaking Load (N)	57	91	102
	Spool Weight (kg)	1,8	1,8	1,8
	Length / Spool (m)	16200	10125	9000
	Spool / Pallet	550	550	550
	Kg / Pallet	1000	1000	1000
	Color	Natural, Blue, Black, Red		

The form of packaging and colour may vary according to customer demand.

INDUSTRIAL GROUP

FILTER FABRIC YARN



Filter fabric yarn is a specialized, high-strength and durable yarn used in the weaving of filter support fabrics. With its mechanical strength, it helps maintain the form of filters, providing a uniform texture and reliable filtration performance.

FILTER FABRIC YARN

Technical Information	Type	T4500	T2250
	m/kg	4500	2250
	Denier	2000	4000
	Spool Weight (kg)	5,5	5,5
	Length / Spool (m)	24750	12375
	Spool / Pallet	240	240
	Kg / Pallet	1320	1320
	Color	Natural	

The form of packaging and colour may vary according to customer demand.



AGRICULTURE GROUP

GREENHOUSE TWINE



Specifically designed for cultivating vegetables like peppers, cucumbers, tomatoes, and eggplants in greenhouses, these special twines provide optimal growth conditions by supporting plants in an upright position. With UV protection, the twine is resistant to external factors and has a long lifespan. It also boasts a high carrying capacity and low elongation.

GREENHOUSE TWINE

Technical Information	Type	T1800
	m/kg	1800
	Breaking Load (kg)	23
	Spool Weight (kg)	1
	Length / Spool (m)	1800
	Spool / Pallet	900
	Kg / Pallet	900
	Color	Blue, Green

The form of packaging and colour may vary according to customer demand.

AGRICULTURE GROUP

HORTICULTURE TWINES



Revolutionizing modern greenhouse practices, these special yarns ensure your seedlings grow healthily and damage-free, maximizing yield. Their high strength, flexibility, and eco-friendly composition provide gentle support to your plants. The uniform twist and special spool design enable easy application. Resistant to UV rays, agricultural chemicals, and harsh greenhouse conditions, they offer a sustainable solution. Specially produced processes provide high carrying capacity and softness.

GREENHOUSE HOOK TWINE

Technical Information	Type	T1500	T1200	T1000
	m/kg	1500	1200	1000
	Breaking Load (kg)	30	37,5	45
	Spool Weight (kg)	6	6	6
	Length / Spool (m)	9000	7200	6000
	Spool / Pallet	80	80	80
	Kg / Pallet	480	480	480

The form of packaging and colour may vary according to customer demand.



AGRICULTURE GROUP

CONVENTIONAL & ROUND BALER TWINE



ANSA baler twine is tailored to meet the specific needs of each baler, offering high strength and UV protection. The low elongation rate and knotless operation ensure bales maintain their shape and are easy to handle. Extensively field-tested, these twines maximize baler efficiency and reduce operational costs.

		SMALL SQUARE BALES				ROUND BALES		
Technical Information	Type	T280	T330	T400	T500	T600	T750	T1000
	m/kg	280	330	400	500	600	750	1000
	Breaking Load (kg)	145	123	101	81	68	54	41
	Knot Strength (kg)	96	82	68	54	5	5	5
	Spool Weight (kg)	5	5	5	5	3000	3750	5000
	Length / Spool (m)	1400	1650	2000	2500	180	180	180
	Spool / Pallet	270	270	270	270	900	900	900
	Kg / Pallet	1350	1350	1350	1350	-	-	-
	Color	Black, Orange, Blue				Blue, Orange		

The form of packaging and colour may vary according to customer demand.



AGRICULTURE GROUP

BIG BALER TWINE



Specifically designed for large baler presses, these high-performance twines ensure tight and secure binding of large bales up to 100x120x300 cm. With extremely high breaking loads, exceptional elongation properties, and knotless operation, they guarantee the firm baling of materials like hay and straw even under the most demanding conditions. Thanks to special manufacturing techniques and UV protection, bales have a longer lifespan.

BIG BALER TWINE

Technical Information	Type	T106	T118	T130	T150
	m/kg	106	118	130	150
	Breaking Load (kg)	425	381	346	300
	Knot Strength (kg)	255	229	208	180
	Spool Weight (kg)	10	10	10	10
	Length / Spool (m)	1060	1180	1300	1500
	Spool / Pallet	112	112	112	112
	Kg / Pallet	1120	1120	1120	1120
	Color	Yellow	Khaki	L.Green	L.Khaki

The form of packaging and colour may vary according to customer demand.



AGRICULTURE GROUP

REAPER BINDER TWINE



Designed for baler machines, these high-strength twines ensure reliable harvesting of all grains in various terrains. Their low elongation and custom sizes enhance machine performance. They save you time and increase efficiency in your farming operations.

REAPER BINDER TWINE

Technical Information	Type	T600
	m/kg	600
	Breaking Load (kg)	67,5
	Spool Weight (kg)	2,5
	Length / Spool (m)	1500
	Spool / Pallet	440
	Kg / Pallet	1100
	Color	Natural

The form of packaging and colour may vary according to customer demand.

AGRICULTURE GROUP

TRELLISING TWINE



Trellising Twine is specifically manufactured to meet the needs of tomato and pepper growers. Trellising tomatoes and peppers results in higher quality, superior yields, and safer fruit. In addition, trellised plants allow for more effective spraying, improved fungal control, and more efficient, worker-friendly harvesting.

TRELLISING TWINE

Technical Information	Type	#3200	#2500	#2100
	m/kg	2150	1680	1428
	ft/lb	3200	2500	2100
	Breaking Load (kg)	19	24	28
	Breaking Load (lbs)	42	53	63
	Spool Weight (kg)	1,36	1,36	1,36
	Spool Weight (lbs)	3	3	3
	Length / Spool (mt)	2924	2285	1942
	Length / Spool (ft)	9600	7500	6300
	Spool / Pallet	324	324	324
	Kg / Pallet	441	441	441
	Color	Natural		

The form of packaging and colour may vary according to customer demand.



AGRICULTURE GROUP

BANANA TWINE



Designed to prolong the life and increase the yield of your banana trees, banana ropes provide protection against adverse weather conditions such as wind and storms. Different colored ropes serve as an effective coding system to identify the age and growth stages of the trees, facilitating easier tree care and optimized yield.

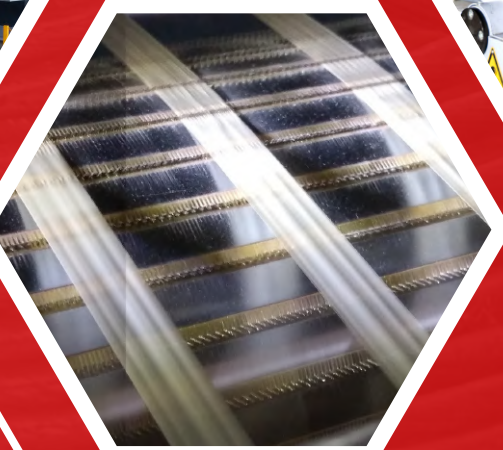
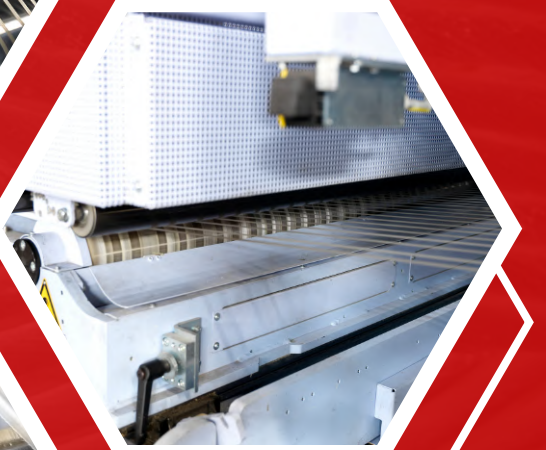
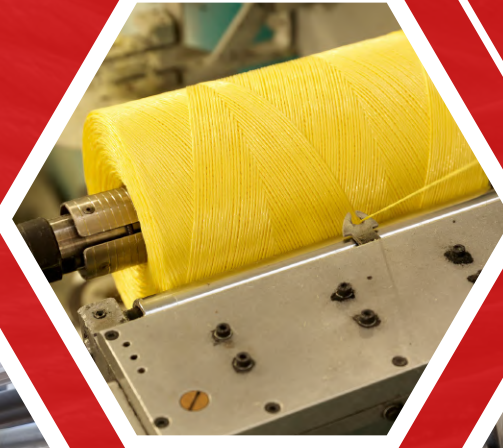
BANANA TWINE

Technical Information	Type	T215
	m/kg	215
	Breaking Load (kg)	188
	Knot Strength (kg)	126
	Spool Weight (kg)	5
	Length / Spool (m)	1075
	Spool / Pallet	180
	Kg / Pallet	900
	Color	Natural

The form of packaging and colour may vary according to customer demand.

PRODUCTION COMPETENCE

HIGH-TECH YARN PRODUCTION LINES



QUALITY CONTROL IN EACH STAGE

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THE POWER, INNOVATION, AND FUTURE UNITED!

At **ANSA**, we combine decades of expertise with continuous innovation to deliver reliable, sustainable, and high-quality yarn solutions worldwide. With a strong commitment to our customers and the future, we remain your trusted partner in every step of the journey.

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