

# ANSA®

2026

## 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.

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## 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 m<sup>2</sup>** open area, **14.500 m<sup>2</sup>** 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.





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](http://www.ansa.tr)

# ANSA®

Specialized in delivering solutions for diverse needs.

**AGRICULTURE / PACKAGING / INDUSTRIAL**



## AREAS OF USAGE



# 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.*

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# 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

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

*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. Any denier from **T400** to **T500** is also available.*

## 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.

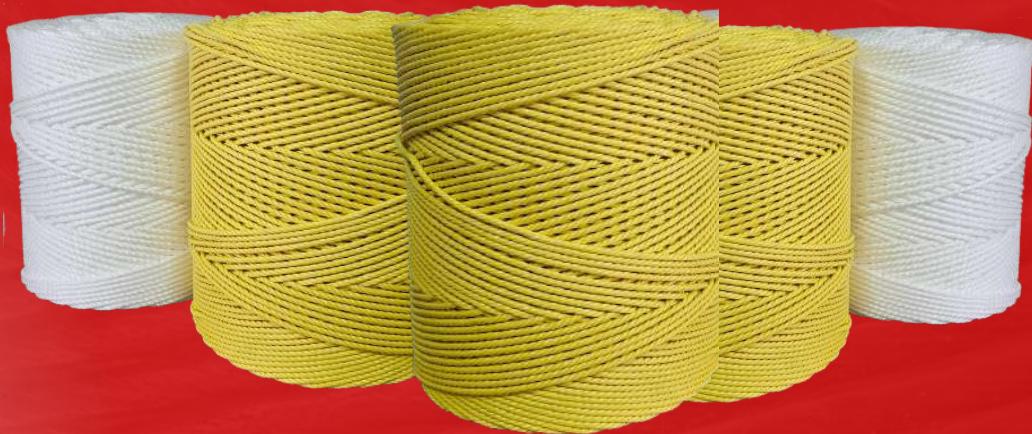
### BALE TWINE

<b>Technical Information</b>	<b>Type</b>	T300
	<b>m/kg</b>	300
	<b>Breaking Load (kg)</b>	135
	<b>Spool Weight (kg)</b>	5
	<b>Length / Spool (m)</b>	1500
	<b>Spool / Bag</b>	4
	<b>Kg / Bag</b>	20
	<b>Color</b>	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	Diameter (mm)	Breaking Load (N)	Weight (g/m)	Ply (n)
TR025	2,5	2300	4,5	3
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
<b>Material</b>	%100 virgin polypropylene	%100 virgin polypropylene	%100 virgin polypropylene
<b>Standard</b>	ASTM C1116/C1116M EN 14889-2	ASTM C1116/C1116M EN 14889-2	ASTM C1116/C1116M EN 14889-2
<b>Specific gravity</b>	0,91 g/cm <sup>3</sup>	0,91 g/cm <sup>3</sup>	0,91 g/cm <sup>3</sup>
<b>Cut Length</b>	6-12-19-25 mm	6-12-19-25 mm	48 MM
<b>Tensile Strength</b>	400 MPa	360 MPa	600 MPa
<b>Modulus of Elasticity</b>	7 GPa	3-3,5 GPa	10 GPa
<b>Alkali, acid and salt resistance</b>	Excellent	Excellent	Excellent
<b>Water Absorption</b>	None	None	None
<b>Melting Point</b>	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
<b>dtex</b>	2000 - 13300	890 - 1800
<b>Shrinkage (130 °C)</b>	%0,3 mean	%0 – %0,75
<b>Shrinkage (150 °C)</b>	%0,75 mean	%0,75 – %1,5
<b>Elongation</b>	%8-12	%7 max.
<b>Spin Finish Oil</b>	%1 – %2	%1 – %2
<b>Spool Weight (kg)</b>	6,25	6,25
<b>Spool Diameter (cm)</b>	26 – 30	26
<b>Spool Height (cm)</b>	29	29
<b>Pallet Weight (kg)</b>	500	500

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

# INDUSTRIAL GROUP

## BIG BAG SEWING YARN

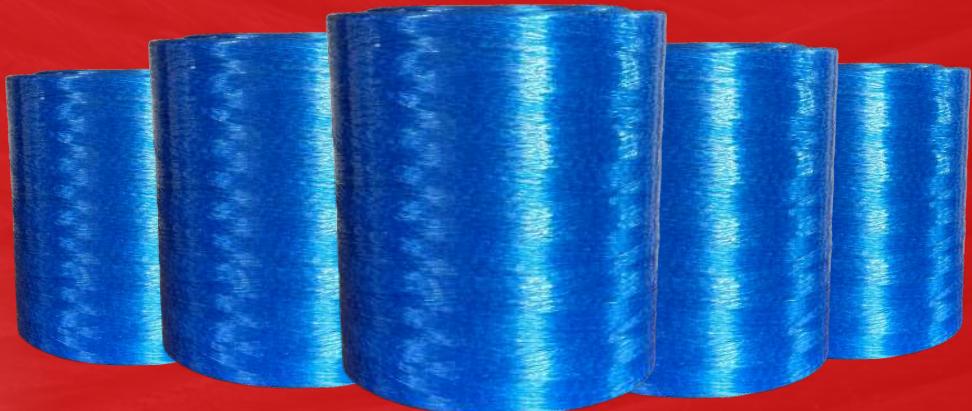


A specially engineered high-strength, low-elongation yarn for lifting webbings of Big Bags (FIBCs). Delivers secure and durable performance even under heavy load conditions. Resistant to abrasion, UV exposure, and harsh weather environments.

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.*

## 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.

### Technical Information

#### BIG BAG COLUMN WEBBING YARN

	R4500	R3000	R2000
<b>m/kg</b>	4500	3000	2000
<b>Denier</b>	2000	3000	4500
<b>Breaking Load (N)</b>	108	162	243
<b>Spool Weight (kg)</b>	7	7	7
<b>Length / Spool (m)</b>	31500	21000	14000
<b>Spool / Pallet</b>	80	80	80
<b>Kg / Pallet</b>	560	560	560
<b>Color</b>	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.

### Technical Information

#### ELASTIC COLUMN WEBBING YARN

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, colour, fibrillation and denier (between 500-2000 denier) may vary according to customer demand.*

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# 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

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

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# 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

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

Type	SMALL SQUARE BALES				ROUND BALES		
	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	-	-	-
Spool Weight (kg)	5	5	5	5	5	5	5
Length / Spool (m)	1400	1650	2000	2500	3000	3750	5000
Spool / Pallet	270	270	270	270	180	180	180
Kg / Pallet	1350	1350	1350	1350	900	900	900

*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.

Our **website** features a comprehensive chart showing the compatibility of each yarn type with specific machines. Please visit our page for detailed information.

BIG BALER TWINE					
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	
Technical Information	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.*

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# 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.

### Technical Information

#### TRELLISING TWINE

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

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

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# AGRICULTURE GROUP

## BANANA TWINE



Designed to prolong the life and increase the yield of your banana trees, banana twines provide protection against adverse weather conditions such as wind and storms. Different colored twines 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

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

### Technical Information

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

#### Contact

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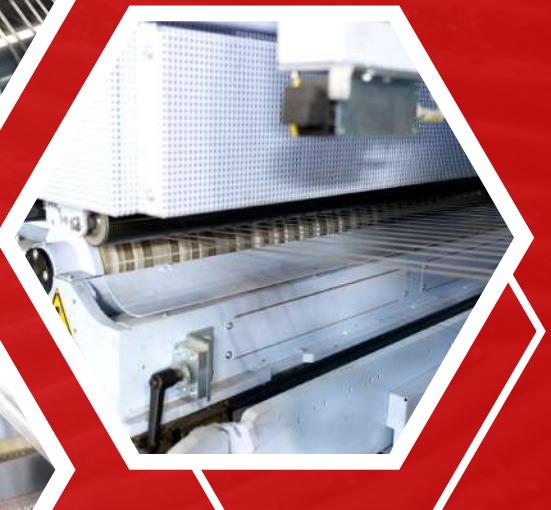
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# PRODUCTION COMPETENCE

## HIGH-TECH YARN PRODUCTION LINES



**ADVANCED TECHNOLOGY  
SUPERIOR PERFORMANCE**

# QUALITY COMPETENCE

**SMART MACHINERY,  
CONSISTENT QUALITY**



**QUALITY CONTROL  
IN EACH STAGE**

# ANSA®

2026

PRODUCT CATALOG



**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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