



25 YEARS'

EXPERTISE IN THE PACKAGING INDUSTRY

Premium Packaging Solutions
for Your Business

opal

INNOVATION DRIVES QUALITY

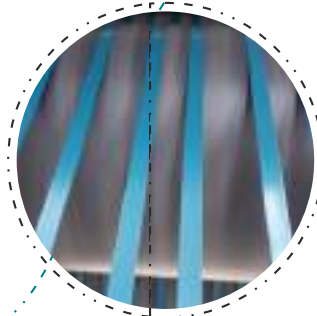
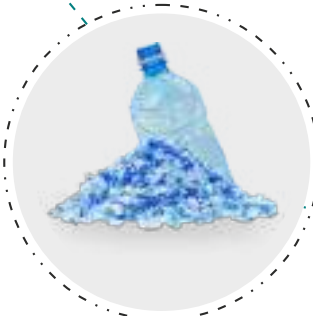


FROMM | PACKAGING
SYSTEMS



Strapping Solutions

PET Strapping
PP Strapping



COMPANY PROFILE

Founded in 1999, OPAL is the leading company in the industrial packaging products market in Türkiye and the biggest strapping manufacturer of the region with an annual capacity of 12.000 tons.

Certified as per ISO 9001, ISO 10002, ISO 14001, ISO 26000, ISO 37001, ISO 45001, ISO 50001, and REACH, RoHS, SEDEX, OPAL manufactures and exports embossed and smooth type PET and PP strap in all dimensions ranging from 9 mm to 32 mm for PET and 5 mm to 19 mm for PP, in various colours and lengths, also with printing of logos or brands.

Our wider and thicker strap options have higher breaking strength and can be used on automatic or manual strapping units regardless of the brand of the machine in any specialised industry.

OPAL is committed to protecting the environment by using natural resources responsibly and producing strapping from 100% recycled materials.

CORE PRODUCT BENEFITS

Opal Packaging takes pride in offering superior PET and PP strapping options. These strapping materials are not only strong and durable but also adaptable to diverse packaging needs, making them ideal for securing a wide range of goods during transport.



Unrivaled Strength

Pet strapping provide unmatched breaking strength, guaranteeing the safety of your shipments.



UV Resistant

These strapping are perfect for outdoor storage, as they resist UV damage effectively.



Eco-Friendly

Choose an environmentally conscious option with 100% recycled PET strapping.



Global Trust

Trusted by businesses worldwide, PET strapping are known for their high-quality manufacturing.



Versatile Compatibility

These strapping work seamlessly with major strapping machine brands, offering versatility in your packaging processes.

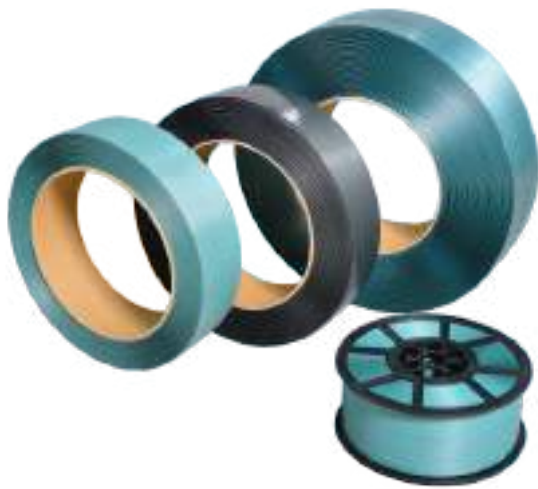


Shock-Absorbent

PET strapping not only withstand impact but also protect your items during transit with their shock-absorbent properties.



POLYESTER (PET) STRAPPING



We produce more than 600 different type of straps.

All dimensions ranging from 9 mm to 32 mm width and 0,40 mm to 1,5 mm thickness options are available for standard and jumbo rolls.

Coil lengths are adjusted according to container and truck capacity.

EMBOSED STRAP (Some alternative sizes)

Dimensions (mm)	Coil Length (m)	Breaking Strength (daN)
9 x 0,65	3200	224
12 x 0,60	2400	275
12 x 0,70	2000	321
15,5 x 0,60	1800	356
15,5 x 0,90	1200	534
16 x 0,75	1400	459
16 x 0,80	1200	490
16 x 0,90	1100	551
16 x 1,00	1100	612
19 x 1,27	800	923
25 x 1,00	720	956
32 x 1,27	450	1800

SMOOTH STRAP (Some alternative sizes)

Dimensions (mm)	Coil Length (m)	Breaking Strength (daN)
12 x 0,60	2000	324
12 x 0,70	2000	378
15 x 0,70	1500	473
16 x 0,60	1500	432
16 x 0,70	1400	504
16 x 0,80	1200	576
16 x 1,00	1100	720
19 x 0,80	1000	684
19 x 0,90	900	770
19 x 1,27	800	1086
25 x 1,00	550	1125
32 x 1,27	450	1829

Core Size: Plastic core options and different core alternatives / Colour: Different colour alternatives / Size: Different width and thickness alternatives

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POLYPROPYLENE (PP) STRAPPING



All dimensions ranging from 5 mm to 19 mm width and 0,40 mm to 1,2 mm thickness options are available for cardboard and plastic reels.

(Some alternative sizes)

Dimensions (mm)	Coil Length (m)	Breaking Strength (daN)	Dimensions (mm)	Coil Length (m)	Breaking Strength (daN)
5 x 0,40	6500	60	12 x 0,70	1500	180
5 x 0,45	6500	70	12 x 0,80	1000	220
6 x 0,55	5000	80	12 x 0,85	2000	270
7 x 0,63	5000	100	12 x 0,90	1000	300
9 x 0,55	4000	110	15 x 0,63	1500	245
9 x 0,63	3300	110	15 x 0,75	1200	250
12 x 0,40	2500	115	15 x 0,85	1000	300
12 x 0,55	2000	130	16 x 0,80	800	350
12 x 0,63	2500	150	16 X 0,96	750	400

Core Size: Plastic core options and different core alternatives / **Colour:** Different colour alternatives / **Size:** Different width and thickness alternatives

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COMPOSITE STRAPPING



Printed Strap - Coloured Strap- Ultraflex Quality

Opal composite polyester strap, together with a high quality galvanized steel buckle, provides optimal strength in all cargo securing applications and offers excellent performance even under extreme temperatures and circumstances.

Product Code	Width (mm)	Breaking Strength (daN)	Coil Length (m)	Core Diameter (mm)
LIGHT APPLICATION				
OPL-CS13L	13	240	1100	200
OPL-CS16L	16	310	850	200
OPL-CS19L	19	330	600	200
OPL-CS25L	25	440	500	200
STANDARD APPLICATION				
OPL-CS13ST	13	340	1100	200
OPL-CS16ST	16	450	850	200
OPL-CS19ST	19	510	600	200
OPL-CS25ST	25	690	400/500	200
STRONG APPLICATION				
OPL-CS16SG	16	540	600/750	200
OPL-CS19SG	19	600	500/650	200
OPL-CS25SG	25	800	500	200
OPL-CS32SG	32	1150	300	200/406
OPL-CS34SG	32	1500	300/400	200/406

TEXTILE STRAPPING (HOTMELT)



Printed Hotmelt Strap - Bale Press (Baling) Strap - Shock Absorbent

Opal Hotmelt (Textile) straps are produced with high strength original polyester yarns by adding a special kind of adhesive. For the quality of Hotmelt straps, the quality of high tenacity polyester yarn and formulation of the glue are decisive factors.

Product Code	Width (mm)	Breaking Strength (daN)	Coil Length (m)	Core Diameter (mm)
BALE PRESS				
OPL-TX9BL	9	280	250/500	62
OPL-TX13BL	13	380	250/350/500	62
OPL-TX16BL	16	450	400/425	62
LIGHT APPLICATION				
OPL-TX9L	9	230	1800	76
OPL-TX13L	13	330	1100/1500	76
OPL-TX16L	16	380	850/1200	76
OPL-TX19L	19	500	600	76
STANDARD APPLICATION				
OPL-TX9ST	9	280	1500	76
OPL-TX13ST	13	380	1100	76
OPL-TX16ST	16	450	850	76
OPL-TX19ST	19	550	600	76
STRONG APPLICATION				
OPL-TX13SG	13	550	850	76
OPL-TX16SG	16	600	600	76
OPL-TX19SG	19	725	500	76
OPL-TX25SG	25	950	500	76
OPL-TX30SG	30	1200	150	76
OPL-TX35SG	35	1400	150	76

*Different coil lengths are available upon request.

*Printed straps are available upon request.

WOVEN STRAPPING



Printed Woven Strap - Alternative Colour Options Alternative to Steel Strapping

Opal woven straps offer unparalleled strength and resilience. It provides a reliable and cost-effective alternative to traditional strapping such as steel. The unique woven construction ensures exceptional tension retention, preventing any slippage or stretching during transit.

Product Code	Width (mm)	Breaking Strength (daN)	Coil Length (m)	Core Diameter (mm)
LIGHT APPLICATION				
OPL-WV9L	9	240	1600	76
OPL-WV13L	13	320	1100	76
OPL-WV16L	16	350	850	76
OPL-WV19L	19	480	600	76
STANDARD APPLICATION				
OPL-WV13ST	13	360	1100	76
OPL-WV16ST	16	500	850	76
OPL-WV19ST	19	580	600	76
OPL-WV25ST	25	800	500	76
STRONG APPLICATION				
OPL-WV13SG	13	475	850	76
OPL-WV16SG	16	600	600	76
OPL-WV19SG	19	750	500	76
OPL-WV25SG	25	1000	500	76

STRAPPING BUCKLES



Strapping buckles range from 8 mm to 40 mm and are convenient to use in all types of strapping.



GALVANIZED BUCKLES

Product Code	Width (mm)	Wire (Ø)	Qty per Box (Pcs)
BKL-GL13	13	3.0	1000
BKL-GL13-HD	13	3.3	1000
BKL-GL16	16	3.3	1000
BKL-GL16-HD	16	3.5	1000
BKL-GL19-LD	19	3.3	1000
BKL-GL19	19	3.5	1000
BKL-GL19-I	19	3.8	1000
BKL-GL19-HD	19	4.0	1000
BKL-GL19-SHD	19	4.5	1000
BKL-GL25-LD	25	4.5	500
BKL-GL25	25	5.0	500
BKL-GL25-HD	25	6.0	400
BKL-GL32-LD	32	6.0	250
BKL-GL32	32	7.0	250
BKL-GL38	38	7.0	200

PHOSPHATED BUCKLES

Product Code	Width (mm)	Wire (Ø)	Qty per Box (Pcs)
BKL-PH13	13	3.0	1000
BKL-PH13-HD	13	3.3	1000
BKL-PH16	16	3.3	1000
BKL-PH16-HD	16	3.5	1000
BKL-PH19-LD	19	3.3	1000
BKL-PH19	19	3.8	1000
BKL-PH19-I	19	4.0	1000
BKL-PH19-HD	19	4.5	1000
BKL-PH19-SHD	19	4.5	1000
BKL-PH25-LD	25	4.5	500
BKL-PH25	25	5.0	500
BKL-PH25-SHD	25	6.0	400
BKL-PH32-LD	32	6.0	300
BKL-PH32	32	7.0	250
BKL-PH	38	7.0	200

LASHING



Custom Printing available - Colour Options

Opal lashing straps are produced from high tenacity polyester yarns. They are designed to bear optimized specifications for cargo securing on land, marine and airline transportation, flat-racks, railcars & ships.

Product Code	Width (mm)	Breaking Strength (daN)	Coil Length (m)
OPL-LASH25	25	2200	400
OPL-LASH32	32	2000	250
OPL-LASH32-S	32	2300	250
OPL-LASH38	38	3500	200
OPL-LASH40	40	5000	200
OPL-LASH50	50	5000	150
OPL-LASH50-S	50	6000	150
OPL-LASH50-P	50	7500	150

STRETCH FILMS



Product Code	Feature	Thickness (mic)	Value Prestretch	Width (cm)	Length (mt)	Roll/Pallet
MANUEL STRETCH FILM						
OPL-STR-MNL	Standart Light Load	12-46	-	25-50	200-500	4-6
AUTOMATIC STRETCH FILM						
OPL-STR-MNL-AU	Standart Light Load	12-46	150%	25-200	1000-2700	46-50
OPL-STR-MW-AU	Medium Weight Loads	12-46	200%	25-200	1000-2700	46-50
OPL-STR-HL-AU	Heavy Loads	12-46	250%	25-200	1000-2700	46-50
OPL-STR-HL2-AU	Heavy Loads	12-46	300%	25-200	1000-2700	46-50
• Used in the packaging process with the machines automatically. / Suitable for use with pre - stretching.						
JUMBO STRETCH FILM						
OPL-JMB-ST	Light Loads	12-46	150%	25-200	1000-2700	40-50-60
OPL-JMB-HL	Heavy Loads	12-46	250%	25-200	1000-2700	40-50-60
OPL-JMB-HL2	Heavy Loads	12-46	300%	25-200	1000-2700	40-50-60

- Suitable for manual and automatic use.
- Manufactured with the 5 layer Cast film technology.
- Adhesive single or double sided.
- Slippery form inside or outside.
- UV Added.
- Resistant against puncturing and tearing.
- Transparent and shiny.
- In various colours.



COIL DISPENSERS



OPL-DSP-101 Hotmelt and Woven Strap Dispenser

- Core size(mm) : 76
- Max. strap width(mm) : 38
- Max. face coil(mm) : 200
- Coil winding : O
- Wheel type : No wheel
- Assembled : Semi
- Coil winding : R means Ribbon coil.
O means Oscillated/Mill Wound coil.

OPL-DSP-102 Hotmelt and Woven Strap Dispenser

- Core size(mm) : 76
- Max. strap width(mm) : 38
- Max. face coil(mm) : 260
- Coil winding : O
- Wheel type : 6" Plastic
- Assembled : Semi
- Coil winding : R means Ribbon coil.
O means Oscillated/Mill Wound coil.



OPL-DSP-103 UNI Universal PET & PP & Composite Strap Dispenser

- Core size(mm) : 150, 200, 280 and 400
- Max. strap width(mm) : 65
- Max. face coil(mm) : 330
- Disc outer dia (mm) : Max. 600
- Coil winding : O
- Wheel type : 6" Rubber with steel center
- Assembled : Semi
- Coil winding : R means Ribbon coil.
O means Oscillated/Mill Wound coil.

OPL-DSP-104 Composite Strap and PP Strap Dispenser

- Core size(mm) : 200
- Max. strap width(mm) : 40
- Max. face coil(mm) : 300
- Disc outer dia (mm) : Max. 450
- Coil winding : O
- Wheel type : 6" Plastic
- Assembled : Semi
- Coil winding : R means Ribbon coil.
O means Oscillated/Mill Wound coil.



COIL DISPENSERS



OPL-DSP-105-UNI Universal Composite Strap, PET Strap, Steel Strap and PP Strap Dispenser

- Core size(mm) : 400
- Max. strap width(mm) : 32
- Max. face coil(mm) : 260
- Disc outer dia (mm) : Max. 650
- Coil winding : R/O
- Wheel type : 8" Rubber with steel center
- Assembled : Semi
- Coil winding : R means Ribbon coil.

O means Oscillated/Mill Wound coil.

OPL-DSP-107 Steel Strap Dispenser for Ribbon Wound

- Core size(mm) : 400
- Max. strap width(mm) : 32
- Max. face coil(mm) : 32
- Disc outer dia (mm) : Max. 650x400
- Coil winding : R
- Wheel type : 8" Rubber with steel center
- Assembled : Semi
- Coil winding : R means Ribbon coil.

O means Oscillated/Mill Wound coil.



OPL-DSP-108 Composite Strap and PP Strap Dispenser

- Core size(mm) : 200
- Max. strap width(mm) : 40
- Max. face coil(mm) : 300
- Disc outer dia (mm) : Max. 450
- Coil winding : O
- Wheel type : 6" Rubber with steel center
- Assembled : Semi
- Coil winding : R means Ribbon coil.

O means Oscillated/Mill Wound coil.



OPL-DSP-112 Composite Strap Dispenser

- Core size(mm) : 200
- Max. strap width(mm) : 40
- Max. face coil(mm) : 200
- Disc outer dia (mm) : Max. 380
- Coil winding : O
- Wheel type : 6" Plastic
- Assembled : Semi
- Coil winding : R means Ribbon coil.

O means Oscillated/Mill Wound coil.



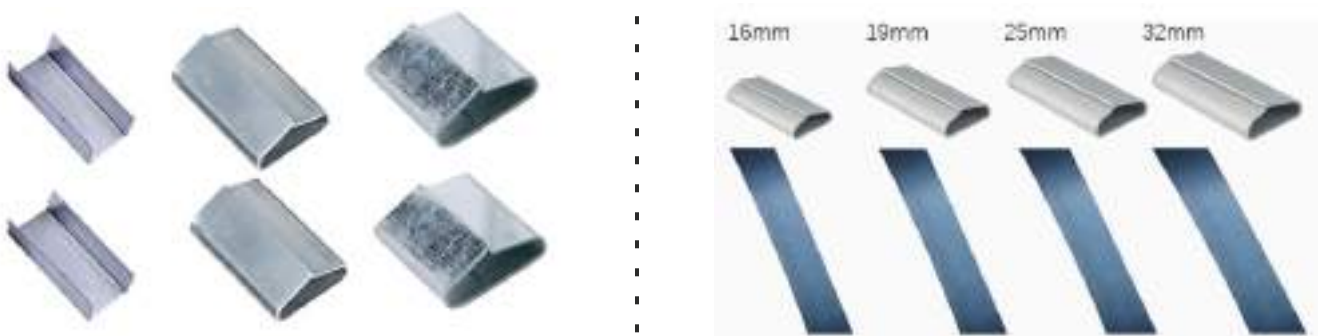
PLASTIC EDGE PROTECTORS



Reusable - Weather Resistant Edge Protector

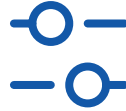
A low cost, reliable plastic edge protector for strapping onto pallets and goods etc. Easy to use, simply place on the edge to be protected and tighten the strapping. Used to ensure that edges of loads are not ruined (torn, bent or damaged etc.) during transit.

METAL STRAPPING CLIPS



Steel Strapping Pusher Seals For Steel banding

Strapping seals and buckles are essential accessories for securing hand strapping, including polyester and polypropylene, ensuring that edges of loads are not ruined (torn, bent or damaged etc.) during transit.



Customization

Opal Packaging excels in delivering customized PET and PP strapping solutions, tailored to meet specific industry requirements. We understand that each customer has unique needs, and our ability to customize products ensures optimal performance, security, and efficiency in your packaging processes.



Quality

Opal Packaging stands for exceptional quality in PET and PP strapping production. Our stringent quality control processes ensure that every strapping meets the highest standards of strength and reliability, essential for the secure transportation of goods.



Flexibility

Understanding the diverse needs of the manufacturing industry, our PET and PP strapping solutions are designed for flexibility. They adapt seamlessly to various packaging machines and applications, ensuring a perfect fit for a range of packaging requirements.



Sustainability

Committed to environmental responsibility, Opal Packaging's PET and PP strapping products are produced with sustainability in mind. We focus on eco-friendly practices and materials, contributing to a greener future while meeting your packaging needs.

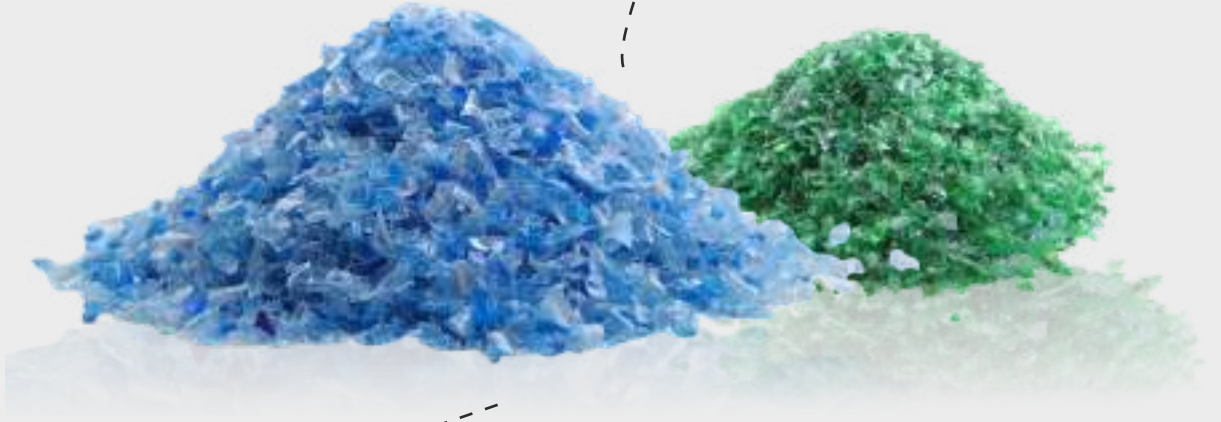


Technology

At the forefront of technological innovation, Opal Packaging utilizes advanced techniques in producing PET and PP strapping. Our state-of-the-art manufacturing processes guarantee superior product performance, keeping us ahead in the competitive packaging industry.

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**Strength
&
Durability**
Since 1999



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