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1874 Founded as a tannery

1959 Establishment of Storopack Hans Reichenecker GmbH+Co.; production of molded parts made of Styropor® (styrofoam)



employees 2,430



PERFECT PROTECTION MEANS BEING EQUIPPED FOR ANY SITUATION.

Storopack is a specialist in protective packaging.

"Perfect Protective Packaging" is our promise to optimally protect every product while in transit. We think holistically, advising our customers on how to make the packaging process more efficient and, if desired, integrating tailored solutions. Our comprehensive range covers all of the requirements associated with optimal product protection. With 2,430 employees at certified production facilities and locations in 19 countries, we maintain a decentralized structure and are always in direct vicinity to our customers.

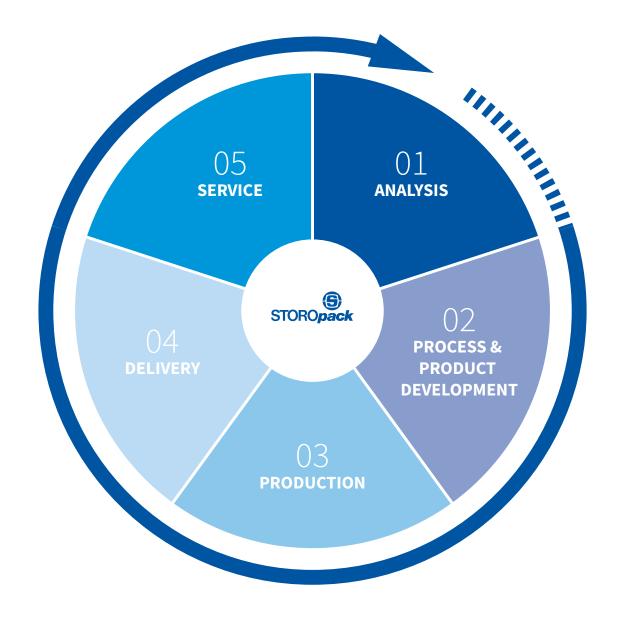
OUR STRENGTHS - YOUR BENEFITS:

- OWNER-MANAGED FAMILY COMPANY
- LOCAL CONTACTS
- INTERNATIONAL FOCUS
- RELIABILITY
- SERVICE AND CUSTOMIZED ADVICE
- CUSTOMIZED SOLUTIONS
- ► OFF-THE-SHELF SOLUTIONS
- QUALIFICATION OF SOLUTIONS
- ► WIDE RANGE OF ACCESSORIES

Storopack image film: www.storopack.com/perfect-protective-packaging







GOOD CONSULTING MEANS DEVELOPING TAILORED SOLUTIONS.

Five steps to optimal protective packaging and ergonomic procedures – in the Storopack process, we combine comprehensive consulting, technical expertise, and innovation in order to develop the right solution for you: we analyze the existing packaging and production processes and the current cost situation. On this basis, we select protective packaging which can be integrated into your processes with ease. We can either use components

from our comprehensive portfolio for this or develop a new, customized solution just for you. Thanks to our network of locations around the world, we manufacture in close proximity to you, deliver just in time, and are personally available at all times to assist you with our technical know-how.



CUSTOMIZED SOLUTIONS

A PERFECT FIT MEANS SOLUTIONS TAILORED SPECIFICALLY TO CUSTOMER NEEDS.

Storopack's range of individual solutions includes thermoboxes customized to meet your specific requirements. With our many years of experience and development expertise, we know that individual solutions are sometimes simply better.

This is why we set great store by the ability to listen to your needs and analyze them extensively. To find your perfect fit, we can either use components from our comprehensive portfolio for this or develop a new, customized solution just for you. With technical expertise, in-depth product knowledge, and specialist know-how across industries, we can help you develop temperature-controlled protective packaging. Using modern software and working closely with our customers, our packaging specialists develop the thermal packaging you need, whether it's single-use or reusable solutions, for the transport of fresh food or medicine.

OUR SERVICES

- SUPPLY CHAIN ANALYSIS
- ANALYSIS OF REQUIRED PERFORMANCE AND DETERMINATION OF COMPONENTS
- CAD DEVELOPMENT
- ► ENVIRONMENTAL CHAMBER TESTING WITH TEMPERATURE SIMULATION
- PROTOTYPE CONSTRUCTION
- ► PROTOTYPE CENTER WITH CNC MILLING MACHINE
- ► TESTING LAB WITH DROP TEST SYSTEM
- QUALIFICATION



MEDICAL BROCHURE 7





CLINICS AND ONCO PREP COMPOUNDERS

IT'S SECURE WHEN MEDICATION REACHES ITS DESTINATION AT THE APPROPRIATE TEMPERATURE.

Whether pain medications, antibiotics, cytostatic drugs, or other types of medicine, pharmacies and manufacturers need to get important medications to patients in the ward or other locations uncompromised, often in a short period of time. The challenge: the medications are frequently temperature sensitive, and the temperature

conditions along the way dependent on the time of year and distance.

That's where Storopack's Clinic-System comes in: the tailored segment solution ensures that life-saving, temperature-sensitive medications reach their destination at the appropriate temperature.

▶ Video: www.storopack.com/slk-clinics-heilbronn-video

CLINIC-SYSTEM TECHNICAL SPECIFICATIONS						
	10 l	24 l	10 l	24 l		
Outer dimensions in mm	417 × 385 × 370	697 × 385 × 370	417 × 385 × 370	697 × 385 × 370		
Payload capacity in mm	210 × 210 × 229	490 × 210 × 229	210 × 210 × 229	490 × 210 × 229		
Payload in l	10	24	10	24		
Duration in hours	32	26	48	48		
Temperature range	2-8°C	2-8°C	15-25°C	15-25°C		

QUALIFIED AT TEMPERATURES BETWEEN MIN. 22°C - MAX. 40°C; AVERAGE TEMPERATURE: 26°C*



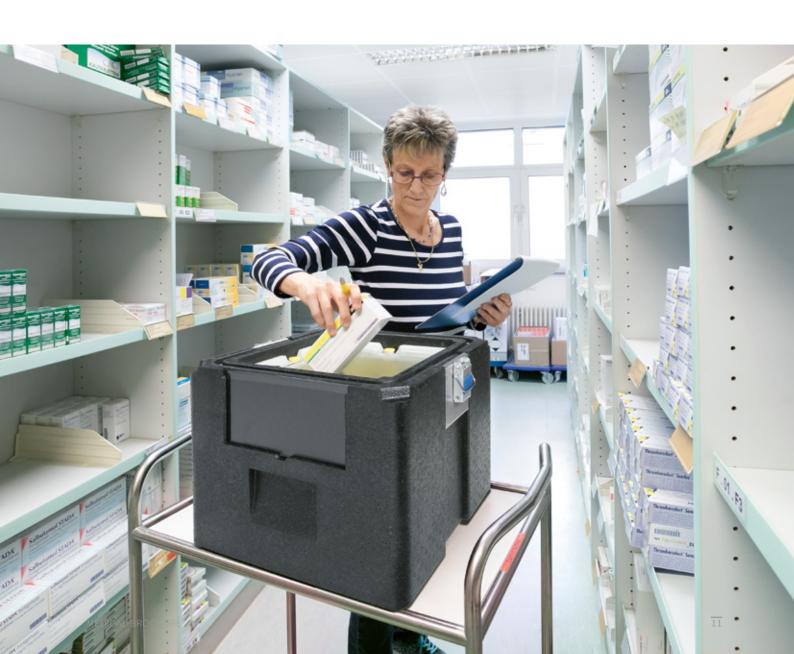


Designed for frequent use: Clinic-System can be reused at least 200 times



BENEFITS OF THE CLINIC-SYSTEM

- ▶ JUST THE RIGHT TEMPERATURE: OPTIMAL TEMPERATURE RANGE THANKS TO PCM COOLING ELEMENTS
- ► LEAKPROOF: BOXES CLOSE UP TIGHT AND FEATURE ADDITIONAL SEALING
- QUALIFIED: BASED ON AFNOR NF S99-700
- ► ROBUST: EPP BOXES CAN BE REUSED AT LEAST 200 TIMES
- ► CLEAN: THE MATERIAL CAN BE EFFECTIVELY DISINFECTED
- STRAIGHTFORWARD: COLORED MARKINGS REVEAL CONTENTS AND APPLICATION AT A GLANCE
- ▶ COST-EFFECTIVE: REPEATED USE REDUCES COSTS AND CONSERVES RESOURCES
- ► SIMPLE: ALL SYSTEM COMPONENTS CAN BE REORDERED INDIVIDUALLY
- PRACTICAL: ORDERS CAN BE PLACED DIRECTLY IN THE PLASTIC LINING, WHICH CAN LATER BE PLACED INSIDE THE CONDITIONED BOX, I.E., THE BOX AT THE RIGHT TEMPERATURE





OPTIMAL LOGISTICS MEAN THAT TEMPERATURE-SENSITIVE GOODS ARRIVE SAFELY.

When it comes to transporting temperature-sensitive medication and biotech products, shipping goods not only have to be well protected, but also kept at the right temperature. This is a major responsibility and a unique challenge. Whether entire Euro pallets or lots

of different little products need to be sent across short or long distances, Storopack has the right solution for shipping temperature-sensitive products with the optimal protection.

OUR LOGISTICS SOLUTIONS

- CL-SYSTEM
- XXL PALLET SHIPPER AND THERMO PALLET SHIPPER
- DRY ICE SHIPPER



CL-SYSTEM

Important medications often need to be sent within a short period of time and uncompromised.

The challenge: these medications are frequently temperature sensitive, while the routes are long and the temperature conditions along the way dependent on the time of year and distance. The CL-System ensures that life-saving, temperature-sensitive medications reach their destinations at the appropriate temperature. The hardy EPP box is also especially robust and ideal for local reuse.

BENEFITS OF THE CL-SYSTEM

- JUST THE RIGHT TEMPERATURE: OPTIMAL TEMPERATURE RANGE THANKS TO PCM COOLING ELEMENTS AND YEAR-ROUND PACKOUT
- QUALIFIED: BASED ON AFNOR NF S99-700
- ► ROBUST: EPP BOXES CAN BE REUSED AT LEAST 200 TIMES
- COST-EFFECTIVE: REPEATED USE REDUCES COSTS AND CONSERVES
 RESOURCES
- ► SIMPLE: ALL SYSTEM COMPONENTS CAN BE REORDERED INDIVIDUALLY
- PRACTICAL: ORDERS CAN BE PLACED DIRECTLY
 IN THE PLASTIC LINING
- SAFE: BOXES CLOSE UP TIGHT AND CAN
 BE SEALED, PLUS THEY FEATURE
 AN ADDITIONAL LOCKING OPTION
 FOR SECURITY TAGGING



CL-SYSTEM TECHNICAL SPECIFICATIONS					
	10 l	24 l	10 l	24 l	
Outer dimensions in mm	417 × 385 × 370	697 × 385 × 370	417 × 385 × 370	697 × 385 × 370	
Payload capacity in mm	210 × 210 × 229	490 × 210 × 229	210 × 210 × 229	490 × 210 × 229	
Payload in l	10	24	10	24	
Duration in hours	32	26	48	48	
Temperature range	2-8°C	2-8°C	15-25°C	15-25°C	

OUALIFIED AT TEMPERATURES BETWEEN MIN. 22°C - MAX. 40°C; AVERAGE TEMPERATURE: 26°C



Practical for advance preparation: CL-System with lining

PALLET SHIPPER

Safely shipping temperature-sensitive products is now easy thanks to prequalified solutions from Storopack. With our passively temperature-regulated pallet shippers, entire Euro pallets can be effortlessly transported in a temperature-controlled manner.

Customers can choose between our thermo pallet shipper in Neopor® for placing on a Euro pallet (for a temperature range of 15 to 25°C) and our XXL pallet shipper in XPS for a temperature range of 2 to 25°C, with the latter able to hold an entire packed Euro pallet.

Both versions are able to keep the temperature stable for an exceptionally long period of at least 120 hours. They also boast outstanding ease of use and flexibility; the XXL pallet shipper, for instance, can be assembled by just one person within a few minutes. With Storopack pallet shippers, you have exactly what you need to ship temperature-sensitive products around the world.

BENEFITS OF THE XXL PALLET SHIPPER

- ▶ JUST THE RIGHT TEMPERATURE: SAFE COMPLIANCE WITH THE PRESCRIBED TEMPERATURE RANGE THANKS TO PCM COOLING ELEMENTS, EVEN WITH EXTREME OUTDOOR TEMPERATURE OF -20°C AND +60°C
- LIGHTNING-FAST: ASSEMBLY BY JUST ONE PERSON IN LESS THAN 10 MINUTES
- SIMPLE: YEAR-ROUND PACKOUT AND NO DEFROSTING OF THE COOLING MEDIUM REQUIRED
- ► EFFICIENT: RELOAD EFFECT WHEN THE PALLET
 SHIPPER IS TEMPORARILY STORED AT 5°C

BENEFITS OF THE THERMO PALLET SHIPPER

- ► FAST: EASY ASSEMBLY IN JUST 10 MINUTES
- INCLUDES HIGH-INSULATING PANELS (HIPS) AND PCM TECHNOLOGY, ONLY 12 COOLING ELEMENTS REQUIRED
- PAYLOAD CONTAINER WITH LOADING HATCH FOR THE PRODUCTS
- SIMPLE: YEAR-ROUND PACKOUT



QUALIFIED AT TEMPERATURES BETWEEN
MIN. 15°C - MAX. 60°C; AVERAGE TEMPERATURE: 25,5°C*





THERMO PALLET SHIPPER	
TECHNICAL SPECIFICATIONS	3
Outer dimensions in mm	1200 × 800 × 1050
Payload capacity in mm	926 × 516 × 782
Payload in l	373,7
Volume weight in kg	168
Duration in hours	120
Temperature range	15-25°C

QUALIFIED AT TEMPERATURES BETWEEN
MIN. 22°C - MAX. 40°C: AVERAGE TEMPERATURE: 26°C*

DRY ICE SHIPPER

The EPP dry ice shipper is ideal for biotech industries. It can hold up to 13 kilograms of dry ice, enabling durations of up to 60 hours. Durable EPP means the dry ice shipper can easily withstand impacts during transport, making it perfect for reuse and conserving resources in the process.

Another benefit is that neither the goods nor the recipient are exposed to the dry ice used as a cooling medium at any time.

BENEFITS OF THE DRY ICE SHIPPER

- SAFE: NO CONTACT WITH THE DRY ICE WHEN UNPACKING THE SHIPPER
- ▶ REUSABLE: THE BOX CAN BE REUSED MULTIPLE TIMES THANKS TO ROBUST EPP
- QUALIFIED: BASED ON AFNOR NF S99-700

	SD small	SD large	LD small	LD large
Outer dimensions in mm	395 × 295 × 392	590 × 395 × 370	395 × 295 × 437	590 × 395 × 415
Payload capacity in mm	295 × 190 × 205	490 × 300 × 205	295 × 190 × 205	490 × 300 × 205
Payload in l	11.5	30.1	11.5	30.1
Volume weight in kg	7.6	14.4	16.1	8.5
Duration in hours	37	35	50	60
Temperature range	< -15 °C	< -15 °C	<-15°C	< -15 °C

QUALIFIED AT TEMPERATURES BETWEEN MIN. 22°C - MAX. 40°C; AVERAGE TEMPERATURE: 26°C*



MEDICAL BROCHURE

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PREQUALIFIED SYSTEM SOLUTIONS

PREQUALIFIED MEANS PLAYING IT SAFE.

Storopack's prequalified system solutions are especially practical for the quick dispatch of medications.

Temperature-sensitive products can be shipped safely, quickly, and cost-effectively in temperature ranges from 2 to 8°C or 15 to 25°C with holding durations of 24, 48, or 96 hours. Available in a variety of standard sizes, all of

Storopack's system solutions are in stock and available, and come with all the necessary components – insulated box, cooling medium, shipping carton, inside carton, packaging instructions, and qualification report.

BENEFITS OF THE SYSTEM SOLUTIONS

- ▶ SIMPLE HANDLING: NO EXTRA LAYERING BETWEEN THE COOLING MEDIUM AND PRODUCT REQUIRED
- ▶ QUALIFIED: FOR EXTREMELY DEMANDING TEMPERATURE PROFILES IN ACCORDANCE WITH AFNOR NF S99-700
- COMPLETE: SYSTEM SOLUTIONS INCLUDE ALL OF THE COMPONENTS NECESSARY FOR SHIPPING (EPS BOX, COOLING ELEMENTS, SHIPPING AND INSIDER CARTON, PACKAGING INSTRUCTIONS)
- AVAILABLE FAST: IN STOCK AND READY TO SHIP DIRECTLY





24 H SOLUTION / 2-8°C TECHNICAL SPECIFICATIONS						
	System box 5 l	System box 10 l	System box 21 l	System box 31 l	System box 37 l	
Outer dimensions in mm	413 × 401 × 271	413 × 401 × 345	630 × 415 × 402	632 × 415 × 487	786 × 589 × 392	
Payload capacity	275 × 215 × 95	275 × 215 × 170	410 × 275 × 190	410 × 275 × 275	565 × 450 × 145	
Payload in l	5	10	21	31	37	
Empty weight* in kg	3.8	4	7.4	9.4	12.2	

24 H SOLUTION / 15-25°C TECHNICAL SPECIFICATIONS

	System box 9 l	System box 22 l	System box 33 l	System box 44 l
Outer dimensions in mm	413 × 401 × 345	630 × 415 × 402	632 × 415 × 487	786 × 589 × 392
Payload capacity in mm	274 × 212 × 164	478 × 276 × 166	478 × 276 × 250	628 × 448 × 156
Payload in l	9	22	33	44
Empty weight* in kg	4.4	8.0	8.4	14.4

24 H SOLUTIONS QUALIFIED BASED ON AFNOR NF S99-700 FOR TEMPERATURES BETWEEN MIN. 22°C - MAX. 30°C; **AVERAGE TEMPERATURE: 27°C***

48 H SOLUTION /	2-8°C TECHNICAL	SPECIFICATIONS

	System box 7 l	System box 18 l	System box 21 l	System box 33 l
Outer dimensions in mm	413 × 401 × 345	630 × 415 × 402	632 × 415 × 487	786 × 589 × 392
Payload capacity in mm	214 × 214 × 148	426 × 236 × 182	411 × 211 × 244	566 × 386 × 152
Payload in l	7	18	21	33
Empty weight* in kg	6.6	10.3	18.8	20.0

48 H SOLUTION / 15-25°C TECHNICAL SPECIFICATIONS

	System box 5 l	System box 15 l	System box 25 l	System box 38 l
Outer dimensions in mm	413 × 401 × 345	630 × 415 × 402	632 × 415 × 487	786 × 589 × 392
Payload capacity	274 × 146 × 132	416 × 280 × 134	478 × 216 × 250	633 × 389 × 155
Payload in l	5	15	25	38
Empty weight* in kg	7.1	12.6	13.7	18.4

96 H SOLUTION / 2-8°C TECHNICAL SPECIFICATIONS

	System box 5 l	System box 10 l	System box 18 l	System box 37 l
Holding duration	83 h	96 h	98 h	114 h
Outer dimensions in mm	434 × 418 × 440	484 × 467 × 492	544 × 527 × 552	614 × 597 × 622
Payload capacity	170 × 170 × 161	219 × 219 × 212	268 × 268 × 252	338 × 338 × 323
Payload in l	5	10	18	37
Empty weight* in kg	10.8	16.5	24.4	36.4

48 H AND 96 H SOLUTIONS QUALIFIED BASED ON AFNOR NF S99-700 FOR TEMPERATURES BETWEEN MIN. 22°C - MAX. 40°C;

AVERAGE TEMPERATURE: 26°C**





STANDARD BOXES AND ACCESSORIES

STANDARD BOXES

Storopack's standard boxes are the packaging of choice when a number of different applications need to be covered reliably. Storopack offers thermoboxes made of EPS (styrofoam) and Neopor® for this purpose, to be combined with our cooling elements or with dry ice. Customers can choose from a range of standard boxes with different wall thicknesses.

Our experts can offer professional advice, taking into account all of the factors associated with temperature-controlled transport. This solution is ideal for shipping food, medication, paints and varnishes, and other products requiring cooling.

BENEFITS OF THE STANDARD BOXES

- ▶ FLEXIBLE: STANDARD BOXES WITH DIFFERENT WALL THICKNESSES, WITH OR WITHOUT SHIPPING CARTON
- EXPANDABLE: INTERMEDIATE RINGS FOR FLEXIBLE EXPANSION OF THE PACKING SPACE,

 AND STACKABLE COMPARTMENTS FOR COOLING ELEMENTS OR DRY ICE AVAILABLE
- ▶ VARIABLE: CAN BE USED WITH DIFFERENT COOLING MEDIA





STANDARD BOXES AND ACCESSORIES

COOLING ELEMENTS

Storopack offers everything you need for temperaturecontrolled shipment. In addition to prequalified protective packaging and system solutions, our product range also include accessories for our temperaturecontrolled protective packaging. Cooling media for all

circumstances: our gel packs ensure reliable cooling throughout transit. Alternatively, you can opt for our returnable cooling elements, which can be reused as much as you want: you can choose between H₂0 or PCM cooling elements.

COOLING ELEMENTS FROM STOROPACK

- SAFE: RELIABLE COOLING WHEN TRANSPORTING TEMPERATURE-SENSITIVE PRODUCTS
- FLEXIBLE: DIFFERENT SIZES AVAILABLE
- VARIABLE: COOLING ELEMENTS FOR RETURNABLE (REUSABLE) OR SINGLE-USE APPLICATIONS AVAILABLE
- HARMLESS: FOOD-SAFE COOLING ELEMENTS
- APPLICATION-SPECIFIC: H,0 OR PCM COOLING ELEMENTS AVAILABLE







STO SERIES				
Outer dimensions	Weight			
in mm	in kg			
205 × 205 × 26	0.79			
255 × 255 × 26	1.28			
312 × 312 × 26	1.99			
381 × 381 × 26	3.10			

GN SERIES		
Outer dimensions	Weight	
in mm	in kg	
176 × 108 × 30	0.43	
265 × 162 × 30	0.99	
325 × 176 × 30	1.28	

PL SERIES		
Outer dimensions	Weight	
in mm	in kg	
480 × 280 × 28	2.67	
480 × 280 × 40	3.86	
600 × 400 × 28	5.03	





AT SERIES		
Outer dimensions	Weight	
in mm	in g	
165 × 90 × 20	220	
210 × 90 × 20	300	



TCPplus® GEL PACKS		
Outer dimensions	Weight	
in mm	in g	
150 × 170 × 25	340	
150 × 180 × 25	450	
150 × 235 × 25	680	
150 × 270 × 25	900	

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SUSTAINABILITY MEANS
THINKING ABOUT TOMORROW,
TODAY.



Sustainability encompasses many aspects. Whether environmental, economic, or social issues, the underlying principle is the same, i.e., to live in a way that enables future generations to have a life that is just as good as or even better than - our own. As a family-run company, we take these principles extremely seriously.

New, more sustainable raw materials are a great way to protect the environment and natural resources. Therefore, our product development experts are increasingly using suitable eco-friendly and sustainable materials for our products.

Styropor® Ccycled™

- PRODUCED USING THE ChemCycling™ METHOD BASED ON PLASTIC WASTE FROM HOUSEHOLD RECYCLING
- PROTECTIVE PACKAGING MADE FROM Styropor® Ccycled™ HAVE THE SAME HIGH QUALITY AS CONVENTIONAL EPS PACKAGING SOLUTIONS
- MEETS THE STANDARDS FOR FOOD SAFETY
- CONTRIBUTES TO THE CIRCULAR ECONOMY
- ecoloop CERTIFIED



THE PROTECTIVE PACKAGING CAN BE PRODUCED WITH UP TO 100% OF THIS RAW MATERIAL

MADE FROM 100% RECYCLED EPS OR PR

SIMPLE AND EFFICIENT LOOP FOR EPS PROTECTIVE PACKAGING

rEPS

HAS THE SAME PACKAGING PROPERTIES AS CONVENTIONAL EPS



BIO-BASED

- MADE FROM 80 PERCENT BIO-BASED POLYLACTIC ACID
- 100% INDUSTRIALLY COMPOSTABLE
- EXCEPTIONALLY RESISTANT TO MOISTURE AND IMPACTS
- OFFERS EXCELLENT PACKAGING PROPERTIES
- COMPLIES WITH FOOD PACKAGING REGULATIONS



EXTERNAL INITIATIVES

To boost sustainability in the use of plastics, we are involved in initiatives dedicated to combating plastic waste such as Alliance to End Plastic Waste, Big Blue Ocean Cleanup, CEFLEX and Operation Clean Sweep.









More about sustainability: www.storopack.com/sustainability

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If you would like to obtain additional information or speak to us directly, please feel free to get in touch with us. We at Storopack are happy to help.

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