



NORTHRICH
Packed with possibilities



INNOVATIVE

PACKAGING SOLUTIONS

PACKED WITH POSSIBILITIES



At Northrich, we believe everything is possible. So we're always challenging ourselves to make it happen by working as a team with our agents, distributors, suppliers and employees to create the most innovative solutions to fulfill our customer's unique needs.

Making great protective packaging solutions is not just our job - it's our commitment.

INDUSTRY SPECIFIC SOLUTIONS

offering
unlimited
possibilities

Every industry's needs are different, so we offer industry-specific protective packaging solutions with virtually unlimited applications. While each product has been designed to solve a specific protective packaging challenge, often our multiple edge protection products are used together for a customized, cost-saving solution.





NORTHRICH THROUGH TECHNOLOGY

THE MOST COST-EFFECTIVE PROTECTIVE PACKAGING SOLUTIONS



From **EDGE PROTECTORS** to **SHEETS**, **PADS** and **TUBES & CORES**, we offer a wide array of strong and reliable products. Whether you require standard or custom products, we can cater to your needs by creating, developing and manufacturing protective packaging solutions just for you.

	EDGE PROTECTORS		PACKAGING SHEETS					TUBES & CORES	
	ANGLE-GUARD™	STRAP GUARD	SEPARATOR SHEETS	COVER SHEETS	PADS	GRIP SLIP SHEETS	GRIP PUSH PULL SHEETS	LIGHT WEIGHT TUBES/CORES	SPECIALISED TUBES/CORES
Produce	●			●	●	●			
Growers	●			●	●	●	●		
Wood and Lumber	●	●							
Metal	●	●	●	●				●	●
Windows and doors	●	●							
Office furniture	●	●					●	●	
Food and beverage	●		●	●		●	●		
Appliance	●	●							
Generic manufacturing	●	●	●	●	●			●	●
Labels and tapes	●							●	●
Paper Mills									●
Textile									●
Tissue and Kitchen towel	●		●					●	



CAMERON

CAUTION

CAMERON

CAUTION

EDGE PROTECTORS





Engineered to provide extra strength for load stability and superior edge protection, ANGLEGUARD™ products are built to the industry's highest standards of quality and consistency, providing you with dependable protection along with load containment, stabilization and weight distribution.

BENEFIT FROM A NEW GENERATION OF EDGE PROTECTORS

Were traditionally used for corner protection to avoid damage and to provide safe transportation and storage, edge protectors provide companies with dependable protection along with load containment, load stabilisation and weight distribution.

But is that all? Your business reality is unique. Standard products probably don't provide all the protection you need. With that in mind, we created a range of standard and custom specialized edge protectors to adapt your needs....

- Providing flexibility to adapt the ANGLEGUARD™ to fit your needs
- Providing vertical strength for stacking to reduce the storage space requirement
- Providing box reinforcement to protect your product against damage during transportation
- Providing a moisture and water resistance solution using a totally new technology
- Minimize damage and replacement costs
- Protects metal machinery
- Protects corners
- Stabilizes pallet loads
- Higher stacking strength
- Better shock absorption
- Maximize storage space
- Minimize transportation costs
- 100% recyclable
- Cost-effective

WHAT MAKES IT SO DIFFERENT?

- quality of the raw material,
- latest technologies used,
- different packaging (lego block/strap every row),
- different manufacturing process (full wrap and overlap in the angle),
- 90 degrees angle construction, ANGLEGUARD™ plus facilitate the construction of display ready solution and facilitate the implementation of automatic palettizer machine.



EDGE PROTECTORS

STRAP GUARD

A BETTER COST EFFECTIVE SOLUTION

Engineered to provide extra strength for load stability and superior edge protection, STRAP GUARD products are built to the industry's highest standards of quality and consistency, providing you with dependable protection along with load containment, stabilization and weight distribution.

How can Northrich's STRAP GUARD be a better cost effective solution?

- > **By using higher quality raw material, by using a unique manufacturing process (full wrap and overlap in the angle)**

Northrich's STRAP GUARD provides a better protection being much stronger in the angle because of the overlap.

Northrich STRAP GUARD manufacturing process being fully automated using leading edge technology makes Northrich STRAP GUARD better and very price competitive.

How can STRAP GUARD reduce your cost?

- > **STRAP GUARD will improve safety and prevent load shifting in transit to minimize damage.**

STRAP GUARD is engineered to eliminate crush damage to products caused by strapping pressure in the angle.



EDGE PROTECTORS

PACKAGING SHEETS



CHIPBOARD SHEETS

SEPARATOR AND COVER SHEETS

Also known as tier sheets, skid protector, pallet dividers/separators or pallet cover, chipboard sheets are commonly used to protect finished products from damage throughout transportation and are used to stabilize load and as interleaving between layers. Different sizes and thicknesses available to match your needs.



COVER SHEET

Protects products while keeping dust away during transportation and storage.

SEPARATOR SHEETS/PADS

Stabilizes boxes and products during transportation and storage.

GRIP PUSH-PULL SHEETS

Eliminate slippage, secure loads, increase productivity and safety using GRIP PUSH-PULL SHEET, thin pallet-sized sheets designed to replace or supplement wooden pallets in transportation and warehouse applications.

PACKAGING SHEETS

NEW GENERATION

GRIP SHEETS

New generation of antiskid and square grid slip sheets to provide a cost-effective and cost competitive solution

Antiskid sheets solve ordinary slippage problems. Antiskid sheets are made of wet strengthened high-quality Kraft liner, Antiskid SLIP SHEETS are a lighter, less expensive and more efficient alternative to wood pallets. Multi-laminated material makes Antiskid SLIP SHEETS extremely tear and moisture resistant.

- Reduce pallet storage space requirements as well as labour, freight and repair costs associated with pallets
- Eliminate pallet infestation problems
- Made from 100% virgin kraft

Can be placed on top of wooden/plastic pallets or between layers of products (boxes, bags, etc.) to prevent all slippage and damage issues.

- Secure shipping and handling
- Increase security & safety to avoid accidents
- Optimize warehousing
- Increase stability in multiple skid handling
- Increase product volume per skid



PACKAGING SHEETS

GRIP PUSH-PULL

WHY GRIP PUSH-PULL SHEET?

1

Using GRIP PUSH-PULL SHEET instead of wooden pallets allows for 12–15% more products in material handling containers. Significant reduction in material handling costs.

2

Weighs 1/20 as much as wooden pallets, reducing shipping costs.

- Reusable and reliable.
- Unlike wooden pallets GRIP PUSH-PULL SHEET are not subject to phytosanitary restrictions



Why?

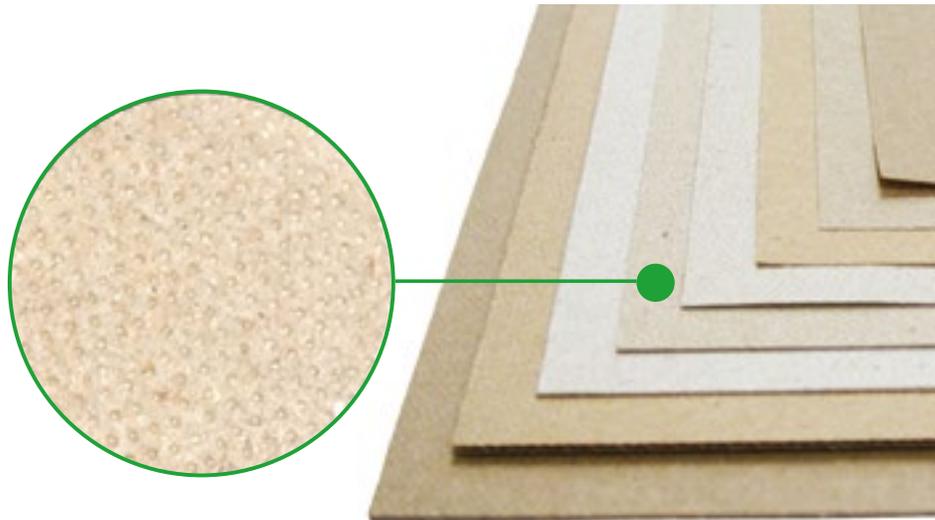
- Eliminate slippage and increase safety
- Stabilize difficult load
- Reduce storage space
- Environment friendly

GRIP PADS

Standard and custom sizes to separate and protect items in boxes; also used as backing materials for the printing industry

Antiskid sheets solve ordinary slippage problems.

Used for many packing purposes.



PACKAGING SHEETS

TUBES & CORES



LIGHTWEIGHT PRODUCTS

Manufacturing tubes and cores for over 15 years and building upon this expertise, Northrich is now part of the leading providers of total converting solutions.

Northrich is well known in the tapes and labels industry as the supplier of choice when it comes to excellent service and consistent quality with our tape and label cores. Northrich is also very specialised in the kitchen towels tubes, toilet paper tubes and wrapping paper.

The tube produced by Northrich may be considered as a product completely **recyclable**.

By using quality raw materials and state-of-the-art technologies, Northrich's can provide a variety of products to address multiple industry solutions in a variety of size and thicknesses:

- Cores for labels and tapes (adhesives)
- Cores for tissues (toilet paper and kitchen towel)
- Cores for paper mills, plastic film, textile bobbins.

Northrich can provide customers with the right solution. If you are looking for a solution, we can help!



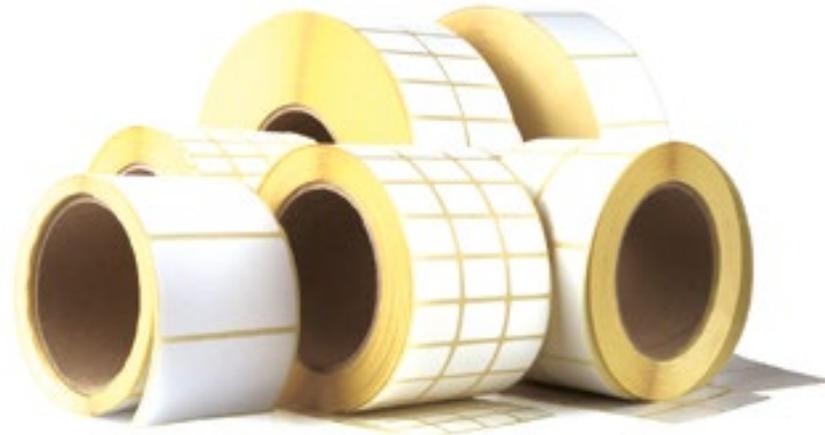
TUBES & CORES

LIGHTWEIGHT PRODUCTS



Northrich cores are designed to improve productivity, visibility and profitability for tape and label and tissue products manufacturers.

- Superior and proven manufacturing processes and graphics ensure that our cores also offer the highest in quality, performing under the toughest packaging demands.
- Continuous R&D activities enables Northrich to measure radial strength of paper cores by simulating the pressures applied during the winding processes of rolled products.
- To ensure dimensional consistency and wall strength, quality assurance reports and lab tests are available on request.
- Northrich's needs assessment process supported by our packaging specialists; testing and quality assurance, where cores are tested repeatedly for dimensional consistency and wall strength guarantees consistent quality.





HEAVYWEIGHT PRODUCTS

Northrich also produces custom paper tubes for **many industry applications**. Our customers use our custom paper tubes in the most recognizable form of

- mailing and shipping tubes for steel,
- aluminum,
- tooling,
- wood moldings,
- fishing rods,
- art work,
- vehicle parts,
- machine and printing dies,
- paper mills and textile.

TUBES & CORES

PRODUCT SPECIFICATIONS



EDGE PROTECTORS

ANGLEGUARD™

LEG WIDTH	WALL CALIPER	LENGTH	COLOR
 1.5 x 1.5" 1.75 x 1.75" 2 x 2" 2.5 x 2.5" 3 x 3" 4 x 4"	 0.060" to 0.400"	 12" to 144" For length over 144", please contact us	 kraft or white

STRAP GUARD

LEG WIDTH	WALL CALIPER	LENGTH	COLOR
 2 x 2" 2.5 x 2.5" 3 x 3" 4 x 4"	 0.060" to 0.400"	 2" 2.5" 3" 4" 6"	 kraft or white

PACKAGING SHEETS

CHIPBOARD SHEETS			GRIP SHEETS			GRIP PADS/PADS			GRIP PUSH-PULL SHEETS		
Cover/seperator sheets:			Size	Target Thickness	# of sheet /pallet	Grip Pad Chipboard 2 sides coated			Construction:		
Width	Min	Max	60 gr	12.5 pts	5,000	<ul style="list-style-type: none"> • Size: to 60" x 120" (92.3 m x 4.6 m) • Thickness: 0.050 to 0.125" • Non slip coating: 100% on both sides • Quantity/pallet: based on the specific spec's 			Multiple layers of Kraft liner board with the top side laminated with Grip sheet (laminated coating/PVA) & recyclable.		
Length	11"	56"	90 gr	22 pts	4,000	Grip Pad 1 side coated			Color: Brown		
Thickness	18.75"	72"	120 gr	30 pts	3,500	<ul style="list-style-type: none"> • Size: Up to 60" x 120" (2.3 m x 4.6 m) • Thickness: 0.085 to 0.165" • Non slip coating: 100% on one side • Material: Dry finish chipboard 100% recycled • Quantity/pallet: based on the specific spec's 			Dimensions		
Width tolerance: Plus or minus 1/6" Length tolerance: Plus or minus 1/8"			160 gr	35 pts	2,500	Pads			Maximum width: 73" (including tabs) Maximum length: 100" (including tabs)		
			220 gr	40 pts	2,000	Thickness	Min	Max	Gripping handle: Standard width of 3"		
			300 gr	60 pts	1,500		8.5 x 11"	36 x 36"	Standard thickness: Maximum load*		
			<ul style="list-style-type: none"> • No toxicity • Biodegradable • Recyclable • Color Brown/Grey • Fully coated on both sides • Standard sizes (all other sizes are available on special request): 37 x 45" 40 x 48" • Other specifications available on request <ul style="list-style-type: none"> - Friction factor - Resistance factor - Bursting Strength 						<ul style="list-style-type: none"> • 36 pts (kraft+grip sheet): 1,800 lbs (800 kg) • 48 pts (kraft+grip sheet): 2,400 lbs (1,100 kg) • 60 pts (kraft+grip sheet): 3,000 lbs (1,400 kg) 		
									* Maximum load depends on product type or specific application.		

TUBES & CORES

LIGHT WEIGHT TUBES

INTERIOR DIMENSION	WALL CALIPER	LENGTH	OPTIONAL PRINTING
From 1.01 to 6"	0.02 to 0.25"	20 to 144"	up to 6 colors

LIGHT WEIGHT CORES

INTERIOR DIMENSION	WALL CALIPER	LENGTH	OPTIONAL PRINTING
From 1.01 to 6"	0.02 to 0.25"	1/2 to 20"	up to 6 colors

FAILURE IS NOT AN OPTION



FROM PRODUCTION TO CUSTOMER SATISFACTION,
YOUR PRODUCTS ARE EXPOSED TO MANY RISKS DURING
SHIPPING, HANDLING AND WAREHOUSING.

TAKE ONE RISK OUT OF THE EQUATION:

**BENEFIT FROM
NORTHRICH'S SOLUTIONS.**



FLEXIBILITY
QUALITY
MARKETING SUPPORT
ECO-FRIENDLY PRODUCTS
INDUSTRY SOLUTIONS
EXPERTISE
SERVICE



NORTRICH

Packed with possibilities



222 St. Urbain Street, Granby, Quebec J2G 7T4 | Toll free: 1 877 372-2335 | info@northrich.net

WWW.NORTRICH.NET