

STRETCH WRAP, FOAM & SHIPPING SUPPLIES

DURA-BUBBLE

- Protects products from vibration, shock and costly damage
- Air bubble reduces damage to shipments while adding very little to overall package weight
- Two stock thicknesses and roll widths are available to satisfy your specific requirements
- **Sold per bag**



POLYAIR

Model No.	Thickness"	Rolls /Bag	Roll Size W" x L'	Price /Bag
PE633	3/16	2	24 x 750	
PA163	3/16	1	48 x 750	
PE634	1/2	2	24 x 250	
PA159	1/2	1	48 x 250	
PE635	5/16	2	24 x 375	

Perforations, slitting and sheeting available.

DURA-BUBBLE

- Conveniently sized rolls are easy to use
- Save on freight and storage space
- Perforated every 12"



Model No.	Thickness	Roll Size W" x L'	Price /Each
PE075	3/16"	12 x 175	
PE076	3/16"	24 x 175	
PE077	1/2"	12 x 50	
PE078	1/2"	24 x 50	

ANTI-STATIC DURA-BUBBLE

- Designed to protect electronics from the damage due to static
- Ideal for cushioning, void-filling and surface protection
- Excellent cushioning
- Highly puncture resistant
- Superior puncture resistance
- Slitting and perforating available upon request
- 100% recyclable
- **Sold per bag**

POLYAIR



Model No.	Thickness "	Rolls /Bag	Roll Size W" x L'	Price /Bag
PE636	3/16	2	24 x 750	
PC566	3/16	1	48 x 750	
PE637	1/2	2	24 x 250	
PC565	1/2	1	48 x 250	

Ask us about volume prices!
In many cases you will benefit from quantity prices.

STARFOAM

- Polyethylene foam suited for many protective packaging applications including surface protection, interleaving, light cushioning and thermal insulation
- Non-abrasive, lightweight and waterproof
- Recyclable and CFC free
- Cellular structure conforms to any shape



POLYAIR

Model No.	Thickness"	Bundle Length'	Price /Each
48" WIDE			
PA167	1/32	2000	
PA170	1/16	1250	
PA173	3/32	750	
PA176	1/8	550	
PA179	3/16	350	
PA182	1/4	250	
48" WIDE ANTI STATIC			
PC569	1/8	550	
60" WIDE			
PA168	1/32	2000	
PA171	1/16	1250	
PA174	3/32	750	
PA177	1/8	550	
PA180	3/16	350	
PA183	1/4	250	
72" WIDE			
PA169	1/32	2000	
PA172	1/16	1250	
PA736	3/32	750	
PA178	1/8	550	
PA181	3/16	350	
PA184	1/4	250	

Perforations, slitting and sheeting available.
Foam pouches available upon request

HANDI-PAK BUBBLE SHEET DISPENSERS

- Packaged in free-rolling dispensers that won't jam
- Indispensable in mailrooms and shipping departments
- 12" wide bubble rolls are perforated every 12" allowing sheets to be easily separated into convenient lengths
- Requires little storage space, fits neatly under the counter

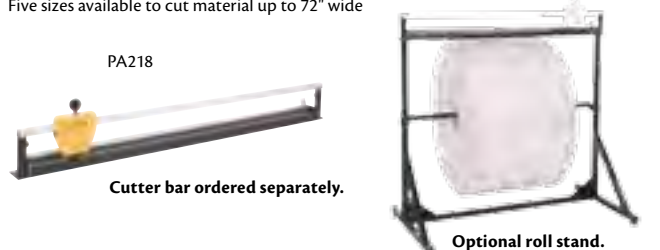
POLYAIR

Model No.	Thickness"	Roll Size W" x L'	Price /Each
PA166	3/16	12 x 175	
PA165	5/16	12 x 100	



CUTTER BAR ASSEMBLY

- Makes cutting of roll materials fast and easy, with no waste
- Use with an existing packing bench or with optional roll stand
- Enclosed rotary knife cuts bubble wrap, paper, plastic, vinyl and foam
- Five sizes available to cut material up to 72" wide



Model No.	Cutter Bar Material Width"	Assembly Width"	Price /Each	Roll Stand Model No.	Price /Each
PA218	30	40		PA213	
PA219	40	53		PA214	
PA220	48	62		PA215	
PA221	60	73		PA216	
PA222	72	86		PA217	

STRETCH WRAP, FOAM & SHIPPING SUPPLIES

LOOSEFILL

- C.F.C. (Freon) Free
- Lightweight polystyrene
- Excellent for cushioning and dunnage
- Ideal for high volume void filling
- Available in anti-static and biodegradable



Model No.	Type	Capacity Cu. ft.	Price /Each
PA147	Anti-Static	20	
PC633	Biodegradable	14	

NEWSPRINT

A clean low cost alternative for void fill, wrapping lightweight items or using as interleaving.

- 9" diameter rolls
- Sheets come in 50 lbs. bundles
- Matte finish



ROLLS - 30 LBS. GRADE "A"

Model No.	Width"	Length /Approx.'	Wt/Roll Approx. lbs.	Price /Each
PB560	12	1695	18	
PB561	18	1695	27	
PB562	24	1695	36	
PB563	30	1695	45	
PB564	36	1695	54	
PB566	48	1695	72	

Note: Other sizes are available.

SHEETS - 30 LBS. GRADE "A"

Model No.	Dimensions"	Sheets /Bundle	Price /Each
PB557	18 x 24	1666 approx.	
PB558	24 x 36	800 approx.	
PB559	36 x 48	415 approx.	

KRAFT PAPER

- The ideal wrap when you need extra security; helps discourage pilferage
- Protects against moisture and damage
- Also used for floor and wall protection by painters and contractors
- Roll diameter: 9"
- Length is approximate due to manufacturing process



Model No.	Dimensions			Wt. lbs.	Price /Each
	W"	x	L' (approx.)		
STANDARD DD40 WEIGHT					
PA804	18	x	900	15	
PA805	24	x	900	20	
PA806	30	x	900	25	
PA807	36	x	900	30	
HEAVY DUTY DD60 WEIGHT					
PA808	18	x	600	15	
PA809	24	x	600	20	
PA810	30	x	600	25	
PA811	36	x	600	30	

TISSUE PAPER

- Soft and manageable. Crumples easily for packing in small cartons and mailers.
- Cushions breakables, glassware and china
 - Keeps items clean
 - Low cost void fill, wrap and interleave



Model No.	Dimensions"	Sheets /Ream	Reams /Box	Price /Each
PB570	12 x 18	480	10	
PB572	18 x 24	480	5	
PB574	24 x 36	480	5	

See Paper Cutters on page 1432



DESICCANTS

Moisture control: The desiccant absorbs moisture vapour through the capillary action of the absorbent particles. Neither the particles, nor the bag that contains the particles, is changed physically by the absorption action. As well, the container does not become saturated, therefore it doesn't soften or liquefy during use. And metal parts touching the bag will not corrode.

Dust-free: Tyvek bags are ideal for applications where dust must be kept to a minimum. Examples include computer components, packaged chemicals, and photographic and optical devices.



Priced per Package

Model No.	Size	Type of Container	Type of Bag	Dimensions of Pouch"	Qty /Pkg.	Price /Each
PB339	1/6	5 Gal. Pail	Tyvek	1 x 2 1/2 x 1/4	1200	
PB340	1/3	5 Gal. Pail	Tyvek	1 x 3 1/2 x 1/4	700	
PB341	1/2	5 Gal. Pail	Tyvek	3 1/4 x 1 1/2 x 1/4	550	
PB343	2	5 Gal. Pail	Tyvek	3 x 6 1/2 x 3/8	150	
PB326	2	30 Gal. Drum	Tyvek	3 x 6 1/2 x 3/8	800	
PB327	4	30 Gal. Drum	Tyvek	5 x 5 1/2 x 1/2	500	
PB328	8	30 Gal. Drum	Tyvek	5 x 8 x 1 1/8	300	
PB330	16	30 Gal. Drum	Tyvek	5 3/4 x 10 x 1 1/2	150	
PB345	80	30 Gal. Drum	Tyvek	8 x 14 x 2 1/2	30	

HUMIDITY INDICATORS

REGISTER THE HYGROSCOPIC LEVEL IN PACKAGES

- 3 point humidity indicator
- Long lasting protection to items very sensitive to humidity
- Meets MS-20003-2 requirements
- 125 cards per box

Model No. PB329
Price/Each \$

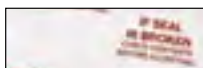


PRE-PRINTED MESSAGE TAPE

- 3M™ #371 box sealing tape
- All messages are red on white
- Bilingual (English, French, Spanish)
- 48 mm x 100 m rolls



PA601



PA600



PA604

Priced per Roll

Model No.	Message	Thickness Microns	Mils	Rolls /Case	Price /Each
PA600	If seal is broken...	30	2.0	36	
PA601	Fragile handle with care	30	2.0	36	
PA604	Mixed merchandise enclosed	30	2.0	36	



COLDMARK

MONITORS DAMAGING COLD TEMPERATURES

- Accurately shows if your product has been exposed to cold below a selected temperature
- Colourless indicator bulb turns an irreversible violet colour as the temperature falls below the indicator's activation temperature
- Can be placed on the exterior or interior of shipping container
- Adheres easily to any dry surface

Specifications:

Product Sizes: 3.25" x .75" x .38"

Exposure Time: 30 minutes

Shelf Life: 1 year

Storage Temperature Range: Store product above activation temperatures up to 110°F/43°C

Model No.	Activation Temperature	Price /Each
PB791	32°F/0°C	
PB669	26°F/-3°C	

Other activation temperatures are available



TEMPERATURE/HUMIDITY DATA LOGGERS

- Monitors both ambient temperature and relative humidity
- Stores up to 16000 temperature and 16000 humidity readings
- User selectable measurement rate from 2 seconds to 24 hours
- Alarm display if user-defined max-min values are exceeded
- Displays all status information through two LEDs
- Simply plug the logger into the USB port of your computer to begin downloading – no cables or wires are required
- Includes wall mount bracket and Windows compatible software

Specifications:

Temperature Range: -40 to 70°C (-40 to 158°F)

Resolution: 0.1°C/°F

Accuracy: ± 0.5°C (± 0.9°F): -4 to 122°F (-20 to 50°C); ± 1.0°F (± 1.8°F): all other ranges

Humidity Range: 0 to 100% RH

Resolution: 0.1% RH

Accuracy: ± 2% RH

Sampling Rate: User selectable rate: 2 s, 5 s, 10 s, 30 s, 2 m, 5 m, 10 m, 30 m, 1 h, 2 h, 3 h, 6 h, 12 h, 24 h

Power Supply: 3.6 V lithium battery

Battery Life: 1-yr: 5 s sample rate; 2.5-yr: 10 s sample rate

Dimensions: 130 x 30 x 25 mm

Weight: 20 g

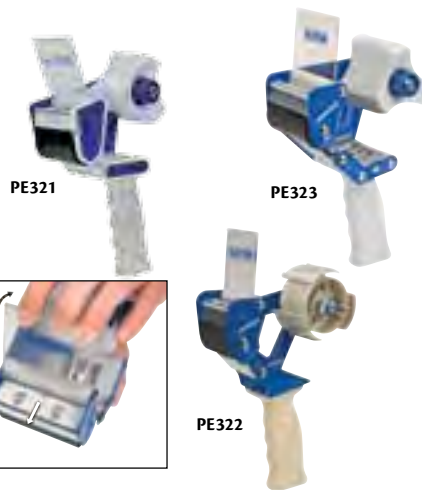
Model No. IA449 Mfg. No. ST-171

Price/Each \$



TAPE DISPENSERS

- Retractable safety blade protects operator from injury
- Industrial quality tape guns constructed of steel and high impact plastic frame
- Adjustable brake lets you choose the desired release tension



PE321

PE323

PE322

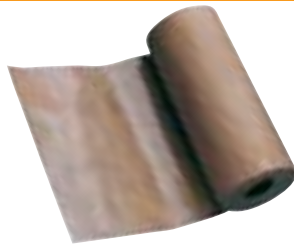


Model No.	Description	Replacement Blade Model No.	Replacement Window Model No.	Price /Each
PE321	2" Standard-Duty	PE325	PE327	
PE322	2" Heavy-Duty	PE325	PE327	
PE323	3" Heavy-Duty	PE326	PE329	

STRETCH WRAP, FOAM & SHIPPING SUPPLIES

COHESIVE KRAFT PAPER

- Protects product from dust, oil, dirt, and other items while in transit or storage
- Protects product from moisture damage by tightly form fitting to parts
- Seal to self leaves no residue or marks
- Reduces labour and cost of packaging
- Simply fold the seal to self over the part and it sticks to itself



Model No.	Width"	Length'	Price /Each
PC021	7 1/2	700	
PC022	10	700	
PC023	15	700	
PC024	30	700	

CORRUGATED ROLLS

- Pack and protect shipments with single-faced corrugated paper
- Raised corrugated A fluting provides extra strength and cushioning; tear-resistant protection against breaking, chipping or scratching
- Sturdy, flexible corrugated paper easily conforms to any size and shape
- Roll diameter: 30"



Model No.	Dimensions			Wt. lbs.	Price /Each
	W"	x	L'		
PE031	12	x	250	10	
PE032	18	x	250	19	
PE033	24	x	250	26	
PE035	36	x	250	34	
PA436	48	x	250	52	
PE038	60	x	250	65	
PE040	72	x	250	68	

FLEXIBLE NETTING

- Affordable solution for protecting odd-shaped parts that previously required special packaging
- Constructed of durable, low density polyethylene
- Flexible material conforms to almost any product shape



Model No.	Description	Flexible Diameters"	Colour	Roll Length'	Price /Each
PD086	Large Close Mesh	1 1/4 - 1 5/8	Yellow	82	
PD087	Large Close Mesh	2 - 2 1/2	Red	82	
PD088	Small Close Mesh	1 - 2	Yellow	164	
PD089	Small Close Mesh	2 - 4	Red	164	

COMPACT KNIVES WITH SELF RETRACTING BLADE

- Heavy-gauge stainless steel blade channel secures blade
- Premium carbon tool steel 18 mm LB blade
- Heavy-duty high-impact ABS plastic handle for better handling
- Blade auto-lock

OLFA



Model No. PE986 Mfg. No. SK-7 Price/Each \$

REPLACEMENT BLADES

Model No. PE989-10/pkg. Mfg. No. SKB-7/10B Price/Each \$

TILTWATCH® XTR

MONITOR SHIPMENTS THAT MUST REMAIN UPRIGHT

- Reliable and affordable
- Monitors and controls the shipping attitude of heavy machinery, large batteries, liquids and more
- Indicates red if container has been tilted on its side or completely upended
- Normal movement or road shock will have no effect
- Each Tiltwatch® has a unique serial number to prevent tampering
- Vacuum seal eliminates effects of humidity or temperature changes
- Removal of adhesive backing automatically arms device
- Once activated, cannot be reset
- 100/Case



SPECIFICATIONS:

- Activation Angle:** 80° ±5% from vertical
- Monitoring Range:** Single Plane
- Adhesive:** 5 mil high tack acrylic
- Humidity Tolerances:** 5% to 99% non-condensing
- Temperature Tolerances:** -40°C to 60°C
- Composition:** Rigid polystyrene housing with stainless steel indicator
- Size:** 2.9" W x 2.7" L x 0.2" D
- Installation:** Pressure sensitive adhesive or holes to accommodate small screws, nails or staple for rough surfaces

Model No. PE141
Price/Case \$

SHOCKWATCH®

IMPACT DETECTION DEVICES

- 3.8" x 3.8" label affixes easily to packages
- Reacts to impact by changing from clear to red, providing a permanent record of potential damage
- Available in 3 sensitivities (75 to 100 "g" @ 50 milliseconds)
- Companion Label PB798 (sold separately), ensures that the consignee knows what to do in the event a Shockwatch® is activated
- Sold per case of 50



SHOCKWATCH® SELECTION GUIDE

Wt. lbs.	0-1 Cubic ft.	1-5 Cubic ft.	6-15 Cubic ft.	16-50 Cubic ft.	50 Plus Cubic ft.
0-10	Green	Green	Orange	Orange	Red
11-25	Green	Orange	Orange	Red	Red
26-50	Orange	Orange	Red	Red	Red
51-100	Orange	Red	Red	Red	Red
101-250	Red	Red	Red	Red	-
250-1000	Red	Red	Red	-	-

Cubic ft. = Height x Width x Depth

WHERE TO EXPECT LABEL ACTIVATION:

	Yellow (L-65)	Red (L-47)	Orange (L-35)	Green (L-30)
Under 100 lbs.	-	12-24"	24-36"	36" over
Over 100 lbs.	-	6-12"	12-18"	-

Note: The above table and sensor activation trend lines should be used as a guide only. Packaging and construction may affect the correlation between drop height and Shockwatch® activation.

Model No.	Mfg. No.	Description	Sensitivity g Force	Qty /Case	Price /Case
PC438	20100	Green	100	50	
PC439	20300	Orange	75	50	
PC440	20500	Red	50	50	

MULTILINGUAL COMPANION LABELS

Model No.	Dimensions"	Qty /Case	Price /Case
PB798	5 x 8	200	

