

**MATERIAL****DESCRIPTION:**

NewAir I.B.® Inflatable Barrier Bubble® Cushioning products are made of polyethylene and other proprietary resins. A co-extruded barrier layer enhances the air retention performance 100 times better than a single layer of polyethylene.

PROPERTY	REQUIREMENTS	TEST METHOD
Creep (thickness loss)	10% maximum air loss, 1.0 psi, 96 hours	PPP-C-795D
Burst Strength	> 6.5 psi	Sealed Air Method, Inflation @ 70°C and 50% RH

CHARACTERISTICS	VALUES
Corona Treatment	42 Dynes
Composition	Polyethylene + Nylon Barrier >20%

**SIZE:**

INFLATED DIMENSIONS	
Air Cell Height	3/4"
Width	12"
Length	Varies

**SCOPE:**

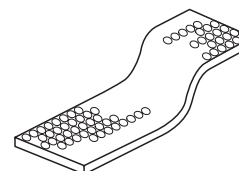
The product is inflated and dispensed on-demand and on-site by NewAir I.B.® packaging systems. It provides optimum flexibility in product transport and storage. The inflated product is designed to absorb transmitted shock providing superior cushioning for greater protection, outperforming looted paper and other competitive cushioning materials.

This material is used for interior dunnage applications for void fill and/or part protection. In applications intended for void fill only, S28 will be specified; but when specific part protection application techniques are needed, S28 with the applicable detail will be specified. Refer to pages 2-4 for illustrations of the various application techniques.


**NOTE:** This material is only to be used on parts that weigh up to 3 lbs. and that do not have sharp edges or protrusions that could puncture the bubbles. Pressure from parts over 3 lbs may cause bubbles to pop and when one bubble pops the entire row of bubbles loses air rendering the material ineffective. Packagers should call the FCSD Packaging Hotline on 888-FCSDPKG (327-3754) for authorization to add part commodities to the following list of exceptions to this rule: Headliners, window regulators.

**NEWAIR I.B.® INFLATABLE BARRIER BUBBLE® CUSHIONING****CONTACT:**

Doug Brown Packaging Products  
4223 Edgeland  
Royal Oak, MI 48073  
(800) 235-2550  
Regional contact: Ron Currie  
(Michigan and adjoining states)



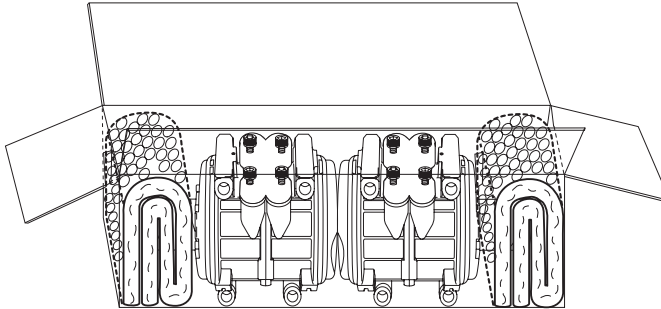
FORD MOTOR COMPANY, PACKAGING ENGINEERING, FORD CUSTOMER SERVICE DIVISION, 16800 EXECUTIVE PLAZA DRIVE, DEARBORN, MICHIGAN 48126

Designed OVB	Approved W. F. Schmude 	Date 1-29-10	Revised 4-12-16
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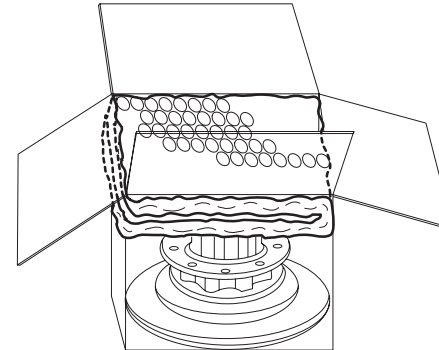
**GENERAL S28 APPLICATION**

**APPLICATION:** Apply sufficient length(s) to fill void and stabilize part inside of carton. More than one strip of S41 may be required. Example packaging specifications are below:

<u>Material</u>	<u>Qty</u>
S28	20"
S28	20"

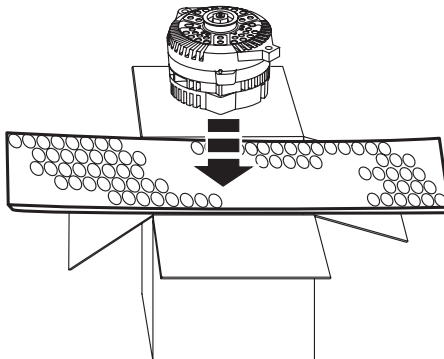


<u>Material</u>	<u>Qty</u>
S28	20"

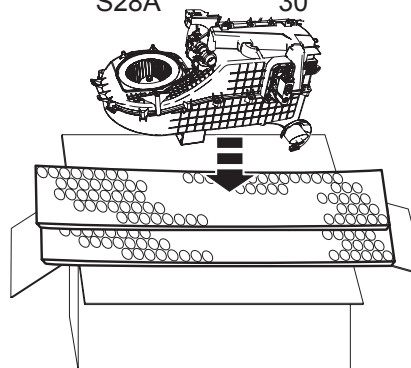
**DETAIL S28A - WRAP (ONE DIRECTION)**

**APPLICATION:** Apply sufficient length(s) to completely encircle part in one direction. More than one strip of S41 may be required. Example packaging specifications are below:

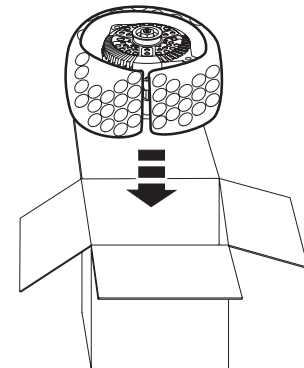
<u>Material</u>	<u>Qty</u>
S28A	30"



<u>Material</u>	<u>Qty</u>
S28A	30"
S28A	30"



<u>Material</u>	<u>Qty</u>
S28A	20"



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Date

1-29-10

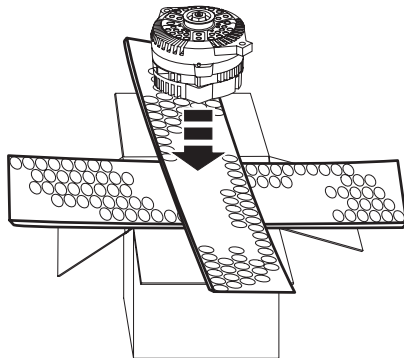
Revised

4-12-16

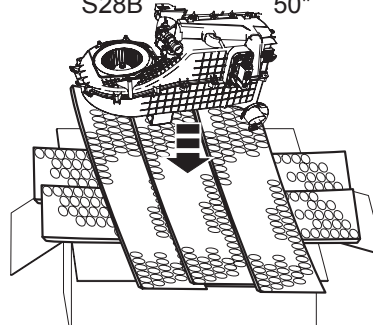
**DETAIL S28B - WRAP (MULTIPLE DIRECTIONS)**

**APPLICATION:** Apply sufficient length(s) of multiple S28 strips to completely encase the part. More than one strip of S28 may be required. Example packaging specifications are below:

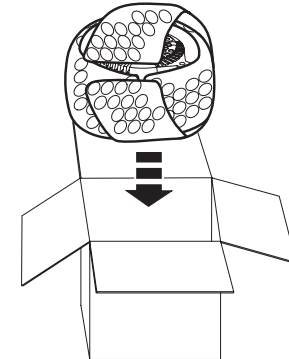
<u>Material</u>	<u>Qty</u>
S28B	30"
S28B	30"



<u>Material</u>	<u>Qty</u>
S28B	30"
S28B	30"
S28B	20"
S28B	30"
S28B	50"
S28B	50"

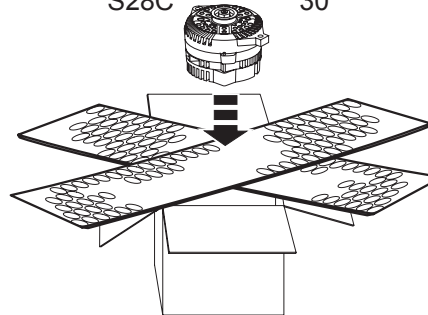


<u>Material</u>	<u>Qty</u>
S28B	20"

**DETAIL S28C - WRAP (DIAGONAL DIRECTIONS)**

**APPLICATION:** Apply sufficient length(s) of multiple S28 strips diagonally to the carton opening to completely encase the part. More than one strip of S28 may be required. Example packaging specification is below:

<u>Material</u>	<u>Qty</u>
S28C	30"
S28C	30"



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Date

1-29-10

Revised

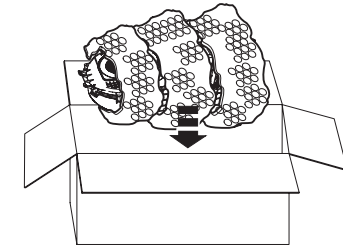
4-12-16

**DETAIL S28D - WRAP (COIL)**

**APPLICATION:** Apply sufficient length(s) of one S28 strip to completely coil around the length of the part. More than one strip of S28 may be required as illustrated.

Material  
S28D

Qty  
80"

**DETAIL S28E HEADLINER APPLICATION INSTRUCTIONS**

**APPLICATION:** Apply six (6)\* strips of S28E Pad Pak around headliner. Two (2) strips on each of the longer sides and one strip centered on each of the shorter sides as illustrated below:

**S28E 80"**



**S28E FOLDED ONCE**



**S28E FOLDED TWICE**



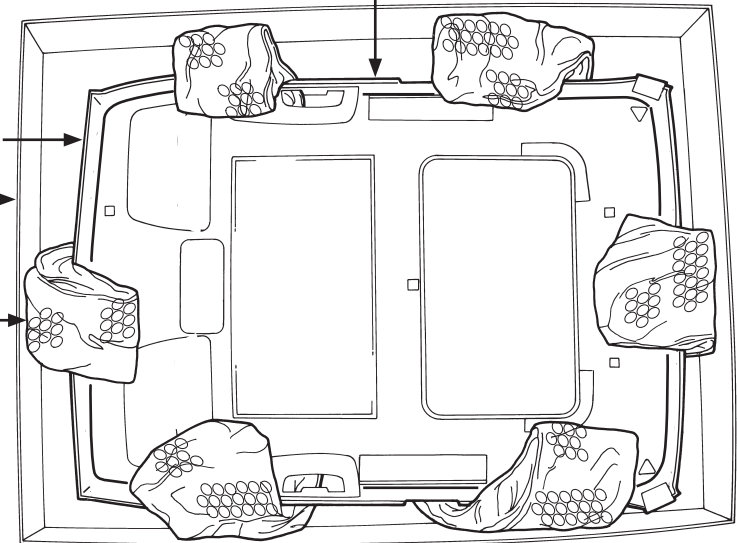
<u>Material</u>	<u>Qty*</u>
S28E	80"
S28E	80"
S28E	80"
S28E	80"
S28E	80"
S28E	80"

**USE DOUBLE FOLDED S28E TO SECURE HEADLINER  
IN CARTON IN SIX (6) PLACES**

**NOTE: Ensure "A" surface is turn upward in bottom tray.**

**"A" SURFACE UP**


**BOTTOM TRAY**



**\*NOTE: The lengths and number of strips may be more or less than shown depending upon carton's size and part configuration. No portion of the headliner's edges can contact the carton walls.**

Revisions:  
04-12-16 (OVb) Revised illustration for detail S28E.  
10-15-13 (OVb) Revised S28E length from 120" to 80".  
10-7-10 (OVb) Added window regulators to the exceptions list on page 1.  
09-7-10 (OVb) Added note in "Scope" on page 1.

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Designed	Approved	Date	Revised
OVb	W. F. Schmude 	1-29-10	4-12-16