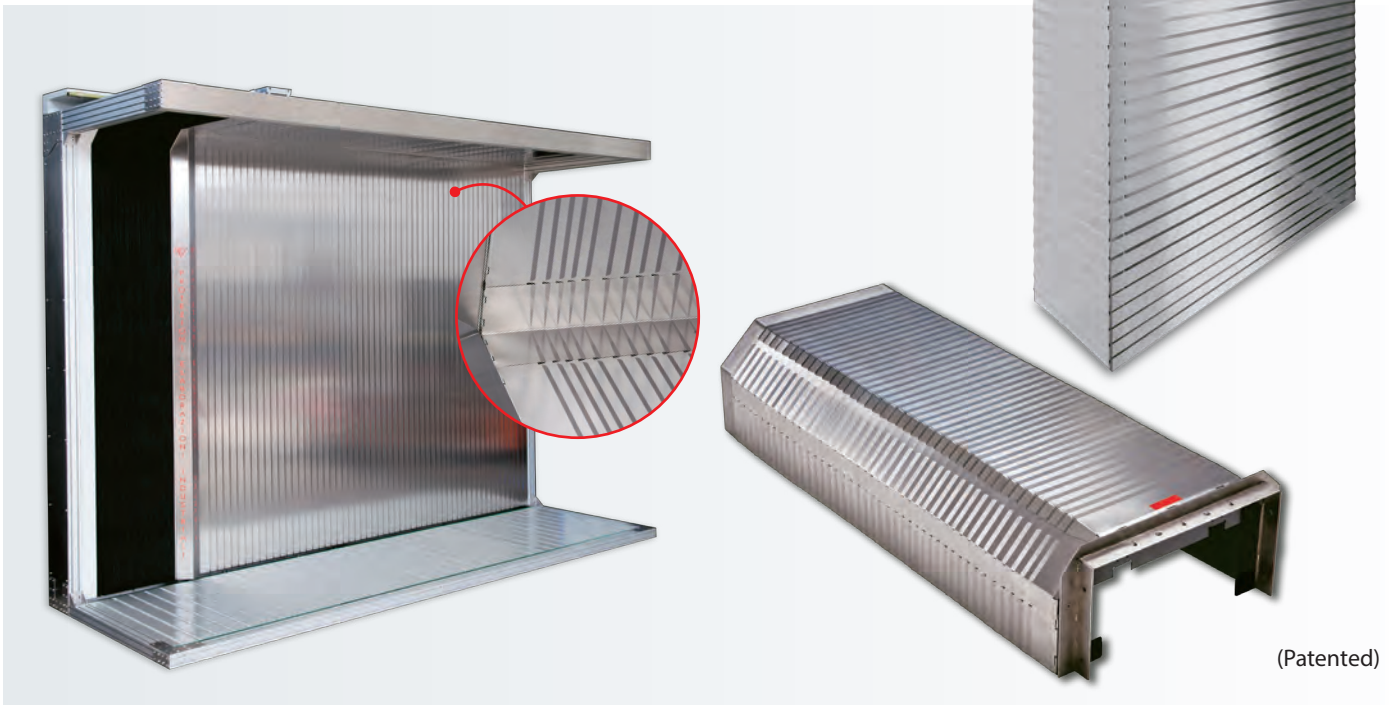
MULTI-STEEL Thermic-welded Cover with Laminations

- Thermic-welded bellows with laminations on many sides are the ideal solution for **complete protection of the roof and crossbar** in multi-shaft working centres.
- The corners are closed and steel inox laminations applied with a **perfect 90° fold** in merit of the elastic deformation of the material and a special geometry.
- **More than two sides** can be covered and **with different angles**.

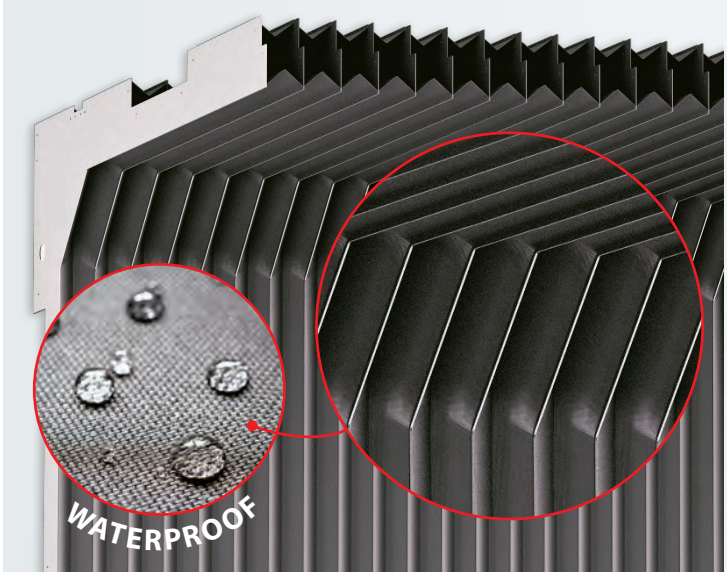


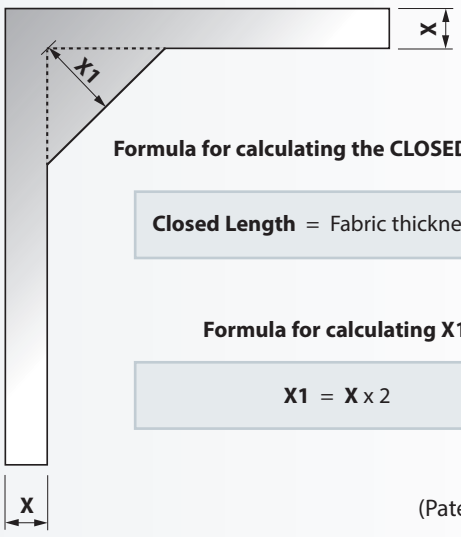
(Patented)

EVER-CLEAN Thermic-welded Cover

- The **construction of the corner** is the main feature of this thermic-welded bellow.
- The bellow is guaranteed to be **free from chips and sludge**, there are no creases in the fabric which obstruct the chip conveyor.
- The **closed length** of the bellow is **smaller** than traditional thermic-welded bellows due to the absence of folds of fabric in the corners.
- The **range of geometry** possible for manufacture **has increased**.
- **Structural rigidity** has increased in applications where only one bellow must cover the crossbar and roof of the machinery.

For this type of bellow consult our technical office.





Formula for calculating the CLOSED LENGTH

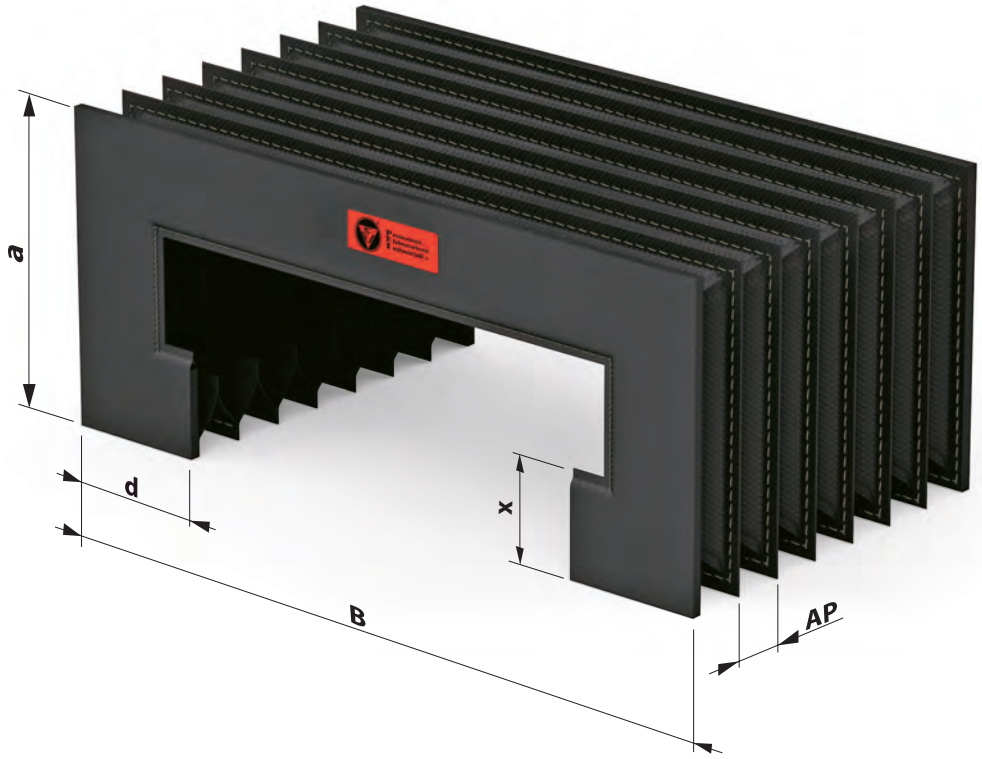
Closed Length = Fabric thickness x 4,5

Formula for calculating X1

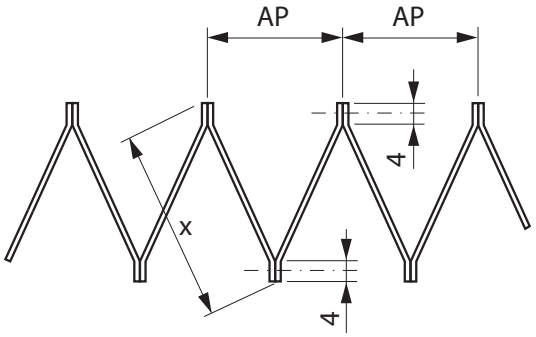
X1 = **X** x 2

(Patent Pending)

SEWN FLAT COVERS



Sewn style

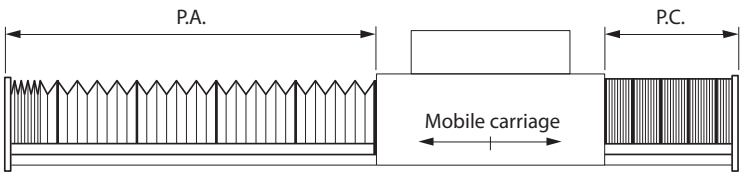


Formula for calculating the CLOSED LENGTH

P. C.= NP . 2,5 + spessore flange

NP= Number of folds = $\frac{\text{P.A.}}{\text{AP}}$ +2

AP= Opening of 1 fold = (x-8) · 1,41



Contact our engineering department for this type of cover.

Ref.	Description	Dim.
P.A.	Open length	
P.C.	Closed length	
Stroke	(P.A. - P.C.)	
a	Outside height	
B	Outside width	
x	Fold height	
d	Return dimension	
AP	Fold opening	
NP	Number of folds	

NOTE: The data fields and/or tables marked by ! are the least ones to be filled in order to give you a quotation. Please send an e-mail to info@pei.eu or a fax to +39 051 6464840.