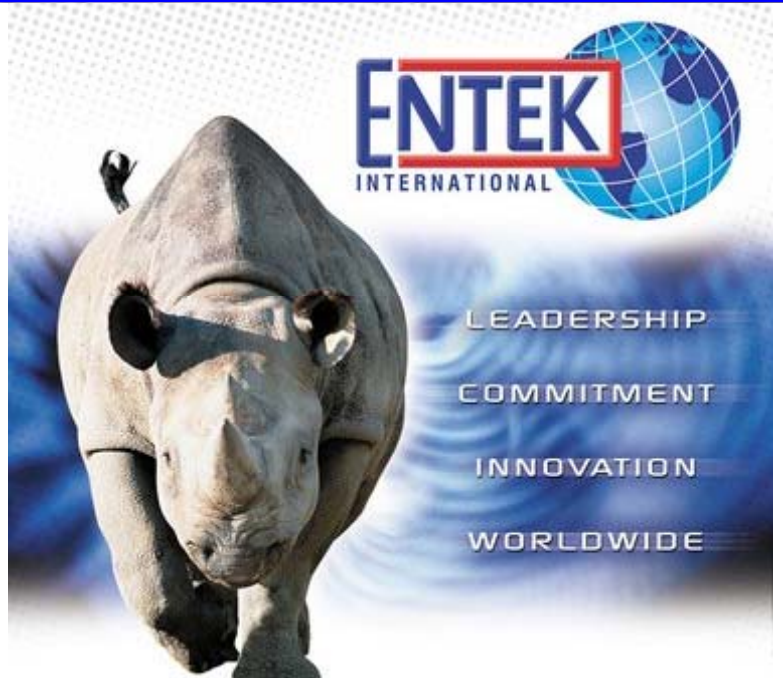


RhinoHide® RS™

Low cost, low electrical resistance, low acid displacement, combined with a reinforced shoulder for extra puncture strength.



With the introduction of RhinoHide® in 1995, ENTEK set the industry standard for innovation in microporous battery separator material. This development of ENTEK's advanced manufacturing technology has created the thinnest backweb in the industry at 0.15mm.

Extensive laboratory and field testing has proven the capability of RhinoHide® in demanding battery applications. Low electrical resistance and superior oxidation resistance combine to produce a separator with excellent all-round properties at lower cost.



Thin backweb RhinoHide® RS™ separator benefits from lower cost, low electrical resistance and reduced acid displacement.

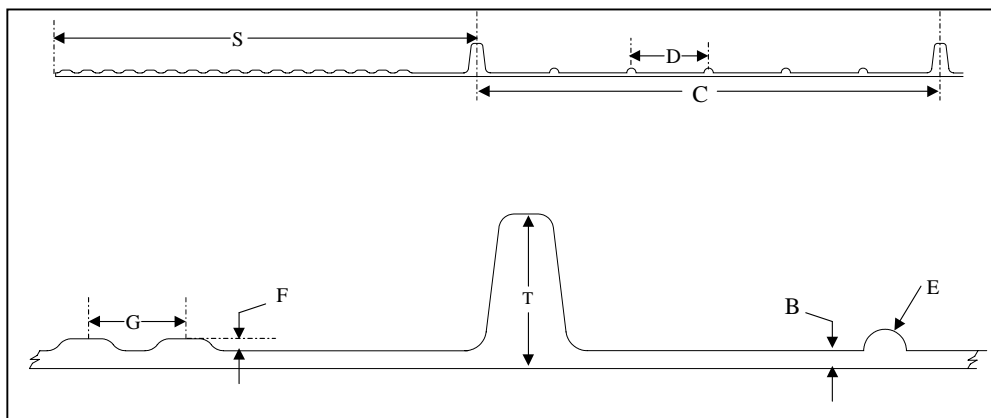
It is ideally suited for the demanding cold cranking performance requirements of modern automobiles.

In 2000, reinforced shoulders were added to create RhinoHide® RS™ with extra puncture strength. This provides additional protection against penetration by sharp edges of the battery plate. This innovative shoulder design increases puncture strength by 25%.

Smart Separator Solutions®

RhinoHide[®] RS[™]

RhinoHide[®] RS[™] profile drawing and dimensions



		<i>Dimensions - mm</i>	<i>Tolerance</i>
W	Separator width	160 - 162	± 0.8
T	Thickness	0.6 - 1.4	± 0.06
B	Backweb	0.15 - 0.25	± 0.025
S	Shoulder	16.5	± 4.5
C	Major rib spacing	18.14	(@ 160mm)
D	Mini-rib spacing	3.02	(@ 160mm)
E	Mini-rib radius	0.18	
F	Shoulder rib height	0.10	
G	Shoulder rib spacing	0.825	

(Typical dimensions as shown: other profiles may be available)

RhinoHide[®] RS[™] - Key technical data @ 0.15mm backweb

		<i>Nominal Value</i>	<i>Tolerance</i>
Moisture	%	4	5 max
Oil content	%	13	± 3
Ash content	%	69	± 4
Electrical resistance	Ω.cm ²	0.05	*
Elongation XMD	%	400	200 min
Puncture	N	6.7	5.6 min
Porosity	%	60	± 5

(* Maximum ER dependent on profile)

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