

---

# Data Sheet: Sundström SR540ex

---



## Intrinsically safe protective supplied air shield

<b>Description</b>	Intrinsically safe hard protective shield for use with Sundström SR500ex intrinsically safe PAPR in explosive or ignitable atmospheres
<b>Features</b>	<ul style="list-style-type: none"><li>— Protects the respiratory organs, the face, and the crown of the head</li><li>— Hinged visor unit</li><li>— Scratch-resistant visor</li><li>— Air supply keeps visor mist-free</li><li>— Adjustable head harness</li><li>— Replaceable breathing air hose</li><li>— Exhalation valve</li><li>— Optional PETG visor</li><li>— Certified as intrinsically safe by IECEx</li></ul>
<b>Air flow</b>	<ul style="list-style-type: none"><li>— 175 l/min (normal mode)</li><li>— 240 l/min (boost mode)</li></ul>
<b>Temperature range</b>	<ul style="list-style-type: none"><li>— Operation: <math>-10^{\circ}\text{C}</math> to <math>+40^{\circ}\text{C}</math> at <math>&lt;90\%</math> RH</li><li>— Storage: <math>-20^{\circ}\text{C}</math> to <math>+40^{\circ}\text{C}</math> at <math>&lt;90\%</math> RH</li></ul>
<b>Weight</b>	Approx. 700 g with hose
<b>Low flow warning</b>	$<175$ l/min
<b>Intrinsic safety class</b>	See SR500ex data sheet