



Production equipment and machinery in Oil&Gas production and process facilities may be emitting high noise levels resulting in HSE risks for personnel working in the area. Working time limitations and loss of efficiency is a costly result of excessive noise level from the process equipment.

A common practice is to install noise reducing measures when work and maintenance is performed in noisy environments. The Benarx Sound Reducing Curtains is an effective and flexible solution for reducing noise level in a work area. The modular curtain system are quickly installed and removed and is suitable for both temporary and permanent installations

Benarx Sound Reducing Curtains

Lightweight, flexible and extremely durable aramid fabric.

The curtains come in standard modules that are joined by Velcro joints

The fabric is easy to cut - Allowing easy modification when needed.

Antistatic properties that complies to ATEX directive 99/92 and 94/9.

Easy to install / easy to modify design, saving time when adapting the curtains to a new work site.

Non flammable (Oxygen index > 40 %)

Wide temperature range - 50°C to 150°C

Product overview

Design

The Benarx Sound Reducing Curtain is a modular design based on panels made of sound reducing material mounted on a flexible and versatile frame. The system can be easily adopted to various needs and the panels can be cut to size. The flexible mounting ability saves installation time and logistic cost at site. No special equipment other than a knife, is needed.

Improved Working Environment

The system can be used to reduce noise from a specific source by encasulating this or to create a habitat with reduced noise levels in a working area. Reducing noise levels in the working environment can result in longer permitted work periods, and consequently higher efficiency. The ultra high strength rubber coated aramid fiber fabric ensures maximum durability and long lifetime in rough working places.

Safety

The Benarx Sound Reducing Curtains is self-extinguishing without an external heat source and complies with the ATEX 99/92 and 94/9 directives.



Benarx Product performance and properties

Property	Value	Method
Temperature range	-50°C to 150°C	In house test
Oxygen index	> 40 %	BS EN ISO 4589-2
Weight	3,8 Kg / m ²	DIN 53 854
Thickness	2,9 mm	
Tensile strength	> 4000 N/5 cm	DIN 53 857-1
Tear resistance	> 300 N	DIN 53 363
Elongation at break	> 12 %	ISO 1421
Bending test at -40°C:	No tears	DIN EN 1876-1
Weighted sound reduction index:	24 dB	EN ISO 10140: