

ASH850 REFRACTORY PAPER

TECHNICAL DATA SHEET REV.00 OF 01/01/2001



Description:

ASH850 PAPER is a refractory fiber paper developed specifically to replace asbestos papers.

It is a flexible paper, smooth, clean and easy to handle.

Its mineral fibers are incombustible (tested in according to BS476, part 4).

Chemical composition %

SILICA	47.5	ALLUMINA	14.00	IRON OXIDE	6.5
MAGNESIUM OXIDE	10.5	CALCIUM OXIDE	15.5	OTHER	4.5

Available in rolls with standard heights: 1000 mm e 1200 mm.

In alternative the A85 paper can be supplied in sheared custom gaskets for specific application

Applications:

Aluminum industry, non-ferrous founderies, houseware and glassware.

Ideal for low-pressure seals at temperatures up to 850 °C.

TECHNICAL DATA:

Color		Light Green
Ignition loss	%	4.5-9.0
Fiber diameter	micron	4
Fiber Length	mm	Up to 15
Density	Kg/m ³	0,2 +/-10-15%
Continuous temperature	°C	850
Softening/Melting point	°C	<1000
Longitudinal tensile strength	N/mm ²	1.0
Transversal “ “ “		0.5
Thermal Conductivity	W/m°K	0.040
100°C		0.084
300°C		0.130
500°C		
Sound absorb. Coef. -th. 2 mm at 100 Hz	BS3638	0.05
at 2000 Hz		0.21
at 4000 Hz		0.40