DATA SHEET

Commercial Grade Non Asbestos YG- E

INTODUCTION

Yorkshire Gaskets Grade YG - E is a general purpose commercial Non asbestos. Mostly recommended for industrial water supply and sewage in parameters shown below. The sheet is manufactured in hot alandering vulcanization process in accordance to high quality ISO 9001 standard procedures.

MAXIMUM WORKING CONDITIONS		
PEAK TEMPERATURE	220 °C	
TEMPERATURE UNDER CONTINOUS OPERATION	150°C	
TEMPERATURE UNDER CONTINOUS OPERATION WITH STEAM	130 °C	
MAX. PRESSURE UNDER CONTINOUS OPERATION	MPa (bar) psi	4 (40 bar) 580 psi

PHYSICAL AND CHEMICAL PROPERTIES			
DENSITY +/- 5%	g/cm3	1,9	DIN28090-2
TRANSVERSE TENSILE STRENGTH MIN	MPa	4,0	DIN 52910
COMPRESSIBILITY, (TYPICAL VALUE)	%	6-16	ASTM F36
ELASTIC RECOVERY – MIN. 63280	%	50,0	ASTM F36
RESIDUAL STRESS 50MPa/16h/300°C	MPa	20,0	DIN 52913

INCREASE IN THICKNESS			
MODEL OIL NO. 3 150°C/5h (MAX)	%	6	ASTM F146
MODEL FUEL B 20°C/5h (MAX)	%	9	ASTM F146
DISTILLED WATER 100°C/4h MAX	%	5	ASTM F146

Yorkshire Gaskets Ltd

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CERTIFICATE NO. 14235
ISO9001

The information given is based upon average values and is in no way intended as a warranty. The purchaser shall be responsible for determining the suitability of the product for any particular application.

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