

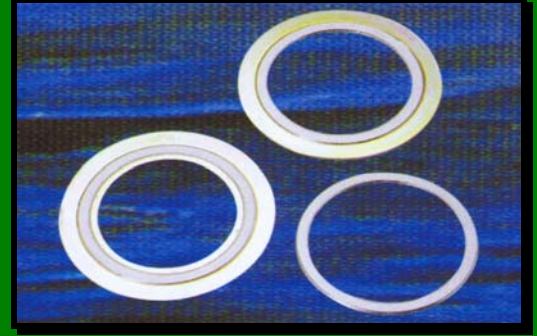


EUROPIPING[®]
Industrial Technologies



UNI EN ISO 9001:2000
REG. N. 7685/02

HIGH PRESSURE GASKETS





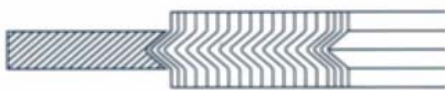

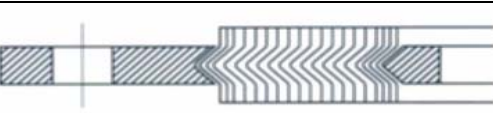
TECHNICAL DATA SHEET

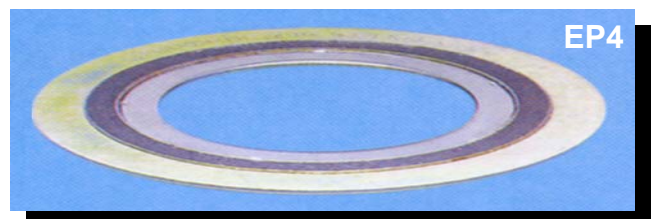
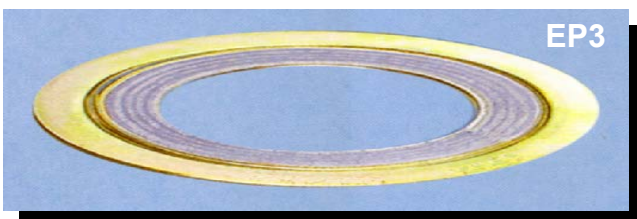
SPIRAL WOUND GASKETS

INTRODUCTION

A spiral-wound gasket is made of alternate plies of V-preformed metal strip and soft filler that are tightly and spirally wound together. According to the need of the mating flange, the gasket is provided with an outer ring, an inner ring or both outer and inner rings. The outer ring serves as a compression stop, anti-blowout device, which properly centers the gasket on the flange. The inner ring acts as a compression stop and is used to fill the annular space between the flange bore and the gasket inside diameter to minimize turbulence of process fluids and erosion of flange faces.

MAIN STANDARD STYLES OF SPIRAL WOUND GASKETS

SECTIONAL DRAWING	STYLE	DESCRIPTION
	EP1	SIMPLE SPIRAL WOUND
	EP2	SPIRAL WOUND WITH INNER RING
	EP3	SPIRAL WOUND WITH OUTER RING
	EP4	SPIRAL WOUND WITH OUTER AND INNER RING
	EP5	SPIRAL WOUND WITH INNER RING AND OUTER RING SUPPLIED WITH CENTERING HOLES



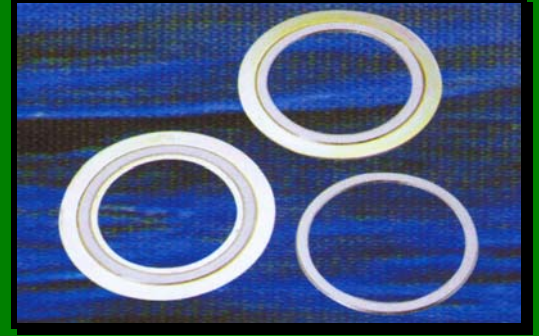


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HIGH PRESSURE GASKETS



SPIRAL WOUND STANDARD CHARACTERISTICS

FEATURES	APPLICATIONS
Resistant to wide range of temperature and pressure conditions	Body-bonnet sealing of gate, globe and check valves
Easy maintenance, simple installation and removal	Pipeline flanges
Improved sealability	Pumps
Smooth finish and close tolerance	Heat exchangers

SPIRAL WOUND STANDARD SIZES

FLANGE TYPE	CLASS	FLANGE SIZE	GASKET TYPE
ASME/ANSI B16.5	150 to 2500 lbs	1/2" to 24"	ASME B16.20 (API 601)
ASME B16.47 series A (MSS SP-44)	150 to 900 lbs	26" to 60"	ASME B16.20 (API 601)
ASME B16.47 series B (API 605)	150 to 900 lbs	26" to 60"	ASME B16.20 (API 601)
BS 1560 and ASME/ANSI B 16.5	150 to 2500 lbs	1/2" to 24"	BS 3381
DIN			All types and sizes

SPIRAL WOUND STANDARD MATERIALS*

OUTER RING	INNER RING	WINDING STRIP	FILLERS
Low carbon steel paint or zinc plated finish	SS 304	SS 304	EXPANDED GRAPHITE
	SS 316	SS 316	P.T.F.E.
	SS 321	SS 321	

* Non standard sizes, materials and constructions are available on request

