

Specifications

Natural Rubber Gaskets

AAP stocks gaskets that are made from commercial grade natural rubber with cotton reinforcement that are intended for general purpose applications

Chemical Resistance	
Weathering and Ozone	Fair
Abrasion	Fair
Acids	Poor
Caustics/ Alkalies	Good
Oils and Petroleum Products	Poor
Organic Solvents	Not Recommended

Basic Properties	
Specific Gravity	1.55 g/cm ₃
Hardness	70 Shore A
Tensile	3500 kPa
Elongation	300%
MAX Temperature	65°C

Applications - Air, Water, Low pressure steam

Fibre Gaskets

AAP supplies compressed fibre gaskets made from Aramid fibres, bonded with Nitrile Rubber (NBR). It is manufactured by means of a hot calender process under rigorous quality control standards which are registered under ISO 9001 certification.

Working Conditions	
Peak Temperature	+ 400°C
Constant Temperature	+ 240°C
Peak Pressure	up to 11000 kPa
Constant Working Pressure	5000 kPa

Applications - Air, Water, low pressure steam, petroleum derivatives, oil, gas and general chemical products

Non-Reinforced Rubber Gaskets

AAP also stocks a multi-purpose premium grade rubber gasket that has very good resistance to petroleum based fluids. The sheeting contains 100% NBR polymer content

Chemical Resistance	
Weathering and Ozone	Fair
Abrasion	Good
Acids	Poor
Caustics/ Alkalies	Good
Oils and Petroleum Products	Excellent
Organic Solvents	Not Recommended

Basic Properties	
Specific Gravity	1.27 g/cm ₃
Hardness	70 Shore A
Tensile	13000 kPa
Elongation	400%
Temperature	90°C

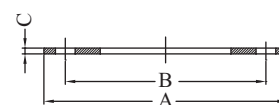
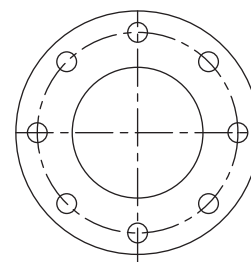
Applications - Petroleum based fluids, Mineral Oils and Hydraulic Fluids

Spiral Wound Gaskets

Spiral Wound Gaskets are made of a preformed metallic strip and a softer filler material, wound together under pressure, and optionally with an outer guide ring. The metal strip holds the filler, resulting in excellent mechanical resistance, resilience and recovery. The maximum working temperature is 450°C due to Graphite being used as the filler material.

Natural Rubber Insertion Gaskets (Table E)

Natural Rubber Insertion Gaskets (Table E)							
AAP CODE	IMPERIAL SIZE	A	B	C	NO. HOLES	HOLE DIAMETER	APPROX. KG/PC
LG15	1/2	95	67	3	4	14	0.03
LG20	3/4	102	73	3	4	14	0.03
LG25	1	114	83	3	4	14	0.03
LG32	1 1/4	121	87	3	4	14	0.04
LG40	1 1/2	133	98	3	4	14	0.05
LG50	2	152	114	3	4	18	0.07
LG65	2 1/2	165	127	3	4	18	0.07
LG80	3	184	146	3	4	18	0.08
LG94	4	216	178	3	8	18	0.11
LG95	5	254	210	3	8	18	0.14
LG96	6	279	235	3	8	22	0.15
LG98	8	337	292	3	8	22	0.21
LGX25	10	406	356	3	12	22	0.26
LGX30	12	457	406	3	12	26	0.35



Natural Rubber Insertion Gaskets (Table D)

Natural Rubber Insertion Gaskets (Table D)							
AAP CODE	IMPERIAL SIZE	A	B	C	NO. HOLES	HOLE DIAMETER	APPROX. KG/PC
LGD94	4	216	178	3	4	18	0.11
LGD96	6	279	235	3	8	18	0.15
LGD98	8	337	292	3	8	18	0.21
LGDX25	10	406	356	3	8	22	0.26
LGDX30	12	457	406	3	12	22	0.35

