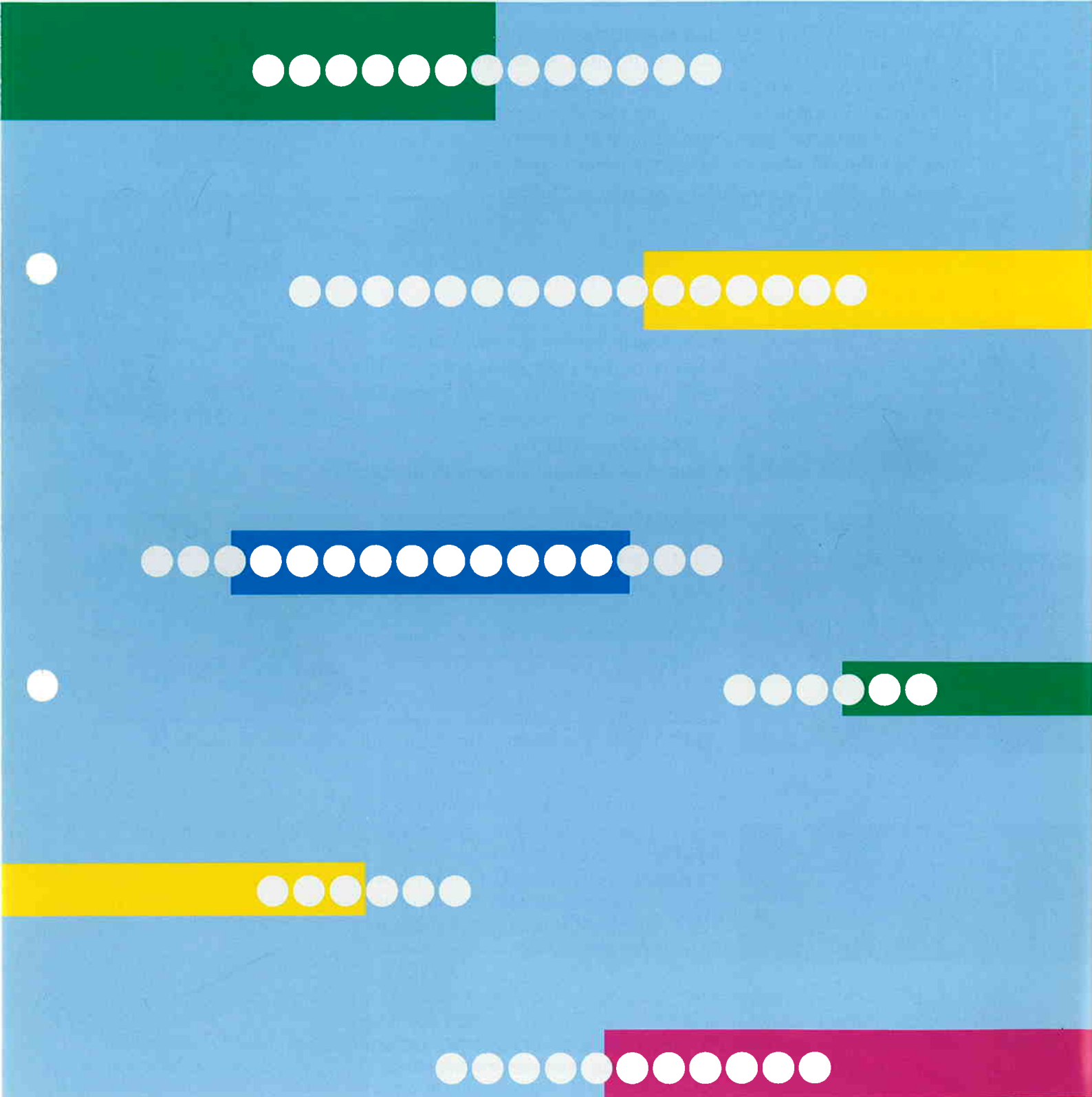




VALQUALON GASKET



NIPPON VALQUA INDUSTRIES, LTD.

VALQUA VALQUALON GASKET

VALQUALON PTFE-blended sheet gasket material is manufactured by a unique process in which PTFE particles are restructured while being mixed with special inorganic fillers. The result is a product that offers outstanding chemical and temperature resistance plus many other advantages not found in other fluorocarbon gasketing materials.

FEATURES OF VALQUALON

- ◆ Excellent chemical resistance
- ◆ Seals better than conventional PTFE gasket
- ◆ High resistance to creep relaxation and cold-flow
- ◆ Wide service temperature range: -200°C (-328°F) to $+200^{\circ}\text{C}$ ($+392^{\circ}\text{F}$)
- ◆ Superior thermal dimensional stability

CHOOSE THE VALQUALON MATERIAL THAT BEST SUITS YOUR NEEDS

Valqua No.	Description	Operating guidelines		Color
		Temperature	Pressure	
7020	For general purpose	-200°C (328°F) to	4MPa {40kgf/cm ² }	Fawn
7026	For strong alkalis	$+200^{\circ}\text{C}$ (392°F)		Black

(NOTE) Avoid maximum temperature and pressure at the same time.

APPLICABLE FLUIDS

Acids, alkalis, solvents, oils, gases, liquefied gases, etc.
(NOTE)

VALQUALON No.7020 performs well with all chemicals except strong sodium hydroxide and hydrofluoric acid. VALQUALON No. 7026 is not recommended for use with strong sulfuric acid, nitric acid or oxygen.

APPLICATIONS

Pipelines, valve bonnets, and machinery joints used for chemicals, refineries and petrochemicals and in the food and pulp/paper industries.

SPECIAL PTFE
GASKET
Valqua No.7020, 7026

**AVAILABILITY OF
VALQUALON GASKET**
(Standard size)

Valqua No.	Thickness mm (inch)	Sheet size mm (inch)
7020	1.0 (0.039)	1016×1016 (40×40)
	1.6 (1/16)	1016×1016 (40×40)
7026	3.2 (1/8)	1270×1270 (50×50)

**PHYSICAL PROPERTIES
OF VALQUALON
GASKET MATERIAL**

Test items	No.7020	No.7026
Specific gravity	2.30	2.05
Tensile strength MPa {kgf/mm ² }	17.5 {1.78}	30.2 {3.08}
Elongation %	340	380
Compressibility at 35MPa {350kgf/mm ² } %	4.6	4.8
Recovery at 35MPa {350kgf/mm ² } %	62	67
Creep relaxation % ASTM F38 Method B 21MPa {210kgf/cm ² } 100°C (212°F)×22h	28	35

(NOTE)

The above data is based on nominal repeatable results for 1.6mm (1/16") gauge and should not be used for establishing engineering specification standards. Valqua engineering will be pleased to advise with respect to establishing engineering standards for specific applications.

"VALQUA" is the combined abbreviation for Value and Quality. It serves as the symbol and motto for our company.

Since 1927, Nippon Valqua Industries, Ltd. has been a world leader in the formulation and production of top quality materials for gaskets, joints, seals and packings used in automobiles, petrochemical processing and many other industries.

▼Our extensive research and development program keeps us a step ahead of the competition and our highly specialized knowledge of each industry allows us to be especially market-sensitive to each customer's needs.

▼We look forward to assisting you with your specialized applications.



"VALQUA" is the composition of abbreviation for Value and Quality which is the symbol and motto of the company.

Above trade mark is registered in Japan, Australia, China, India, Indonesia, Korea, Malaysia, Philippines, Singapore, Taiwan, Thailand, and U.S.A.

NIPPON VALQUA INDUSTRIES, LTD.
