ID MATERIALE: 110

Technical data sheet(Revisione 2018)

Fasit KEMIT/Tesnit BA-C

(Particolari/Guarnizioni realizzate con processo di taglio da lastra con queste caratteristiche)

Fibre aramidiche e gomma CSM. Giuntura progettata per l'industria chimica, dove sia richiesta un alta resistenza a fluidi aggressivi, come soluzioni acide ed alcaline in concentrazioni anche elevate. Per fluidi chimicamente aggressivi: soluzioni alcaline, diversi tipo di acidi, oli, carburanti, alcool. non contenendo coloranti, è consigliata per utilizzo con fluidi ad alta purezza. Applicazione nell'industria chimica, petrolchimica e farmaceutica.	*Aramide fibers , CSM.* *Gasket Material for different aggressive media and with very good chemical resistance to acids and alkaline media.*

DATI TECNICI/*Technical Data*:(spessore/*thickness* 2 mm.)

Densità/Density	DIN 28090-2	1,75	g/cm3
Compressibilità/Compressibility	ASTM F36J	8	%
Ritorno elastico/Recovery	ASTM F36J	45	%
Resistenza alla trazione/Tensile strenght	ASTM F152	10	N/mm2
Stress Resistance: - 16h,50MPa,175°C - 16h,50MPa, 300°C	DIN52913	 25 /	 N/mm2 N/mm2
Tasso di trafilamento/Specific Leak Rate	DIN3535-6	0,08	mg/s m
Aumento di spessore/Thickness increase in immersione: -HNO3 40%,18h,23°C -H2SO4 65%,48h,23°C	ASTMF146	 10 8	 % %
Limiti di servizio raccomandati/Max operating conditions - Temperatura di picco - Max.Temp.di esercizio continuo - Max.press di esercizio continuo	ASTM F146	 200 150 60	 °C °C bar
Colore/Color		Bianco/White	

OMOLOGAZIONI

DIN 28091 FA-A-Z-0
TA-Luft (VDI 2440)

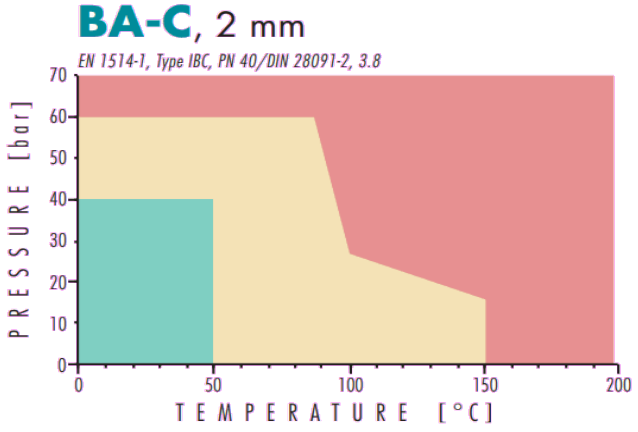
GASKET FACTORS

thickness(mm)	ASME-EN DIN28090			PVRC-ROTT			Max.Assembly stress
	y / σvu (MPa)	$m_{/1}$	$m_{/0,1}$	Gb (MPa)	a	Gs (MPa)	σvo / Q_{max} (MPa)
1,5	20	2,5	3	6,4	0,25	0,0011	310
2	22	3	4	13,1	0,21	0,097	240
3	25	4	5				150

Follow the recommended installation procedures by regulations. If in doubt please contact Us or visit the web site:
http://www.laguarnizione.it/php/it/istruzioni.php

*ATTENZIONE: Valori ricavati da test eseguiti su normale giunto flangiato dove la superficie di appoggio è molto maggiore dello spessore. Per guarnizioni dalla fascia piccolina (Esempio raccorderia, ...) occorre fare i test sul campo.
Values derived from tests performed on a normal flanged joint where the surface of the support is much greater than the thickness. For small-band gaskets (for example fittings, ...), specific application tests must be performed.

- *General suitability using common installation practices under the condition of chemical compatibility.*
- *Max. performance is ensure through appropriate measures for joint design and gasket installation. Consultation is recommended.*
- *Limited application area - Technical consultation is mandatory.*



The recommendations made here are intended to be a guideline for the selection of the suitable gasket quality Because the function and durability of the products depend upon a number of factors, the data may not be used to support any warranty claims

● Recommended
■ Recommendation depends on operating conditions
▼ Not recommended

Acetamide ●	Ethyl acetate ■	Oleum ▼
Acetic acid 10% ●	Ethyl alcohol ●	Oxalic acid ●
Acetic acid 100% ●	Ethyl chloride ▼	Oxygen ●
Acetic ester ■	Ethylene ●	Palmitic acid ●
Acetone ●	Ethylene glycol ●	Pentane ●
Acetylene ●	Formic acid 10% ●	Perchloroethylene ■
Adipic acid ●	Formic acid 85% ●	Phenol ■
Air ●	Formaldehyde ●	Phosphoric acid ●
Alum ●	Freon 12 ●	Potassium acetate ●
Aluminium acetate ●	Freon 22 ●	Potassium bicarbonate ●
Aluminium chlorate ●	Fuel oil ●	Potassium carbonate ●
Aluminium chloride ●	Gasoline ●	Potassium chloride ●
Ammonia ●	Glycerine ●	Potassium dichromate ●
Ammonium bicarbonate ●	Heptane ●	Potassium hydroxide ●
Ammonium chloride ●	Hydraulic oil (Mineral) ●	Potassium iodide ●
Ammonium hydroxide ●	Hydraulic oil (phosphate esther type) ■	Potassium nitrate ●
Amyl acetate ■	Hydraulic oil (glycol based) ●	Potassium permanganate ●
Aniline ▼	Hydrazine ●	Propane ●
Asphalt ■	Hydrochloric acid 20% ●	Pyridine ▼
Barium chloride ●	Hydrochloric acid 36% ●	Salicylic acid ●
Benzene ▼	Hydrofluoric acid 10% ■	Silicone oil ●
Benzoic acid ●	Hydrofluoric acid 40% ▼	Soap ●
Boric acid ●	Hydrogen ●	Sodium aluminate ●
Borax ●	Isobutane ■	Sodium bicarbonate ●
Butane ●	Isooctane ●	Sodium bisulphite ●
Butyl alcohol ■	Isopropyl alcohol ●	Sodium carbonate ●
Butyric acid ●	Kerosene ●	Sodium chloride ●
Calcium chloride ●	Lead acetate ●	Sodium cyanide ●
Calcium hydroxide ●	Lead arsenate ●	Sodium hydroxide ●
Carbon disulphide ▼	Magnesium sulphate ●	Sodium sulphate ●
Carbon dioxide ●	Malic acid ●	Sodium sulphide ●
Chloroform ■	Methane ●	Starch ●
Chlorine, dry ●	Methanol ●	Steam ●
Chlorine, wet ■	Methyl chloride ■	Stearic acid ●
Chromic acid ■	Methylene dichloride ■	Sugar ●
Citric acid ●	Methyl ethyl ketone ■	Sulphuric acid 20% ●
Copper acetate ●	Milk ●	Sulphuric acid 96% ●
Creosote ▼	Mineral oil type ASTM no. 1 ●	Tar ●
Cresol ■	Naphtha ■	Tartaric acid ●
Cyclohexanol ●	Nitric acid 20% ●	Toluene ●
Cyclohexanone ■	Nitric acid 40% ●	Transformer oil ●
Decaline ●	Nitric acid 96% ▼	Trichlorethylene ■
Dibenzyl ether ▼	Nitrobenzene ▼	Water ●
Dimethyl formamide ▼	Nitrogen ●	White Spirit ●
Dowtherm ■	Octane ●	Xylene ●
Ethane ●	Oleic acid ●	