

Insist on genuine BDK Diaphragms

FULL in-house manufacture BDK diaphragms are scientifically designed and engineered to meet the most stringent process conditions on valves sizes 15mm to 350mm. The present designs are the result of engineering and production know-how gained from millions of successful field installations.

BDK elastomer technology has led to the development of a range of diaphragm grades to suit the widest variety of process applications.

TYPICAL SELECTION AND APPLICATION

GRADE	MATERIAL	USE	TEMP. RANGE (°C)	HARDNESS IN SHORE-A	TENSILE STRENGTH IN Kg/Cm ²	COLOUR CODE
A	Natural Rubber	Mildly acid Resistant	-30 to 80	65-75	170	White
AA	Natural Rubber	Abrasion Resistant	-30 to 80	60-70	150	White
AS	Natural Rubber	Highly Abrasion Resistant	-30 to 80	35-45	150	White
WA	White Natural Rubber	Food & Pharmaceuticals	-10 to 80	55-65	100	White
N	Neoprene Rubber	Diluted Acid Resistant	-25 to 95	60-70	140	Red
NWT	Neoprene Rubber	Water Treatment	-25 to 95	60-70	140	Red
NCMS	Neoprene Rubber	Caustic Soda	-25 to 95	60-70	140	Red
B	Butyl Rubber	Steam Sterilisation	-25 to 120	55-65	110	Blue
WB	White Butyl Rubber	Food & Pharmaceuticals	-25 to 105	55-65	140	Blue
R	Nitrile Rubber (BUNA-N)	Oils and Fats	-10 to 90	65-75	170	Yellow
H	Hypalon Rubber	Acid Resistant	-15 to 100	60-70	150	Green
EP	Ethylene Propylene	Radio Active materials	-30 to 150	65-75	140	Orange
V	Viton Rubber	Aromatics Chlorine	-5 to 150	70-80	80	Pink
S	Silicone Rubber	High Temperatures	-100 to 250	55-65	80	Black
T	Teflon	All Chemicals and Food	-30 to 175	—	—	—

How to identify genuine B.D.K. diaphragms.

Every B.D.K. diaphragm has moulded in details.

- 1) The B.D.K. Monogram.
- 2) Size in mm.
- 3) Diaphragm grade
- 4) Month and Year of manufacture.
- 5) Colour code



MANUFACTURED BY

B. D. K. PROCESS CONTROLS PRIVATE LIMITED