

Diaphragms

CR NEOPRENE (CHLOROPRENE RUBBER)

A general-purpose elastomer exhibiting a good combination of corrosive and abrasive resistance. Good resistance to many animal and vegetable oils as well as greases and oils in general. Has low vapor and gas permeability making it suitable for gas and vacuum services.

Temperature Range: -20 F to 212 F
Size Range: .5" to 12"
Part Number: 08

CSM HYPALON (CHLORINE SULPHONYL POLYETHYLENE RUBBER)

Resistant to oils and greases and good general acid resistance.

Temperature Range: 0 F to 212 F
Size Range: .5" to 12"
Part Number: 01

EPDM (ETHYLENE PROPYLENE)

An excellent general-purpose elastomer for chemical resistance, acid & alkali services, deionized / demineralized and hot water services, intermittent steaming and abrasive applications. Very low vapor and gas permeability. Suitable for High Vacuum, inert gases and many industrial gasses.

Temperature Range: -40 F to 260 F
Size Range: .5" to 12"
Part Number: 14

FPM VITON (FLUORINE RUBBER)

Hydrocarbon and acid services, particularly sulphur and chlorine based applications. Specific solvents. Not recommended for ammonia, acetone or related services.

Temperature Range: 0 F to 300 F
Size Range: .5" to 12"
Part Number: 04

IIR (BUTYL RUBBER)

Similar to EPDM above.

Temperature Range: -20 F to 265 F
Size Range: .5" to 12"
Part Number: 06

NBR PERBUNAN (NITRILE BUTADIENE RUBBER BUNA-N)

Excellent resistance to oils and fats, paraffin, fatty acids and fuel oils.

Temperature Range: -20 F to 212 F
Size Range: .5" to 12"
Part Number: 02

NR (NATURAL RUBBER)

Suited for wet abrasive services such as fly ash, coal slurry, cement, polishing rouges and slurry's and limestone slurry.

Temperature Range: -40 F to 212 F
Size Range: .5" to 12"
Part Number: 15

PTFE TEFLON/EPDM BACKING CUSHION (2-piece Teflon diaphragm with center bonding)

Highest resistance for severe chemical and solvent services.

Temperature Range: 0 F to 300 F
Size Range: .5" to 10"
Part Number: 05

PTFE TEFLON/VITON BACKING CUSHION (2-piece Teflon diaphragm with center bonding)

Highest resistance for severe chemical and solvent services.

Temperature Range: 0 F to 360 F
Size Range: .5" to 8"
Part Number: V5

TFM TEFLON/EPDM BACKING CUSHION (2-piece Teflon diaphragm)

Highest density and lowest permeation of any Teflon diaphragm grade. Highest resistance for severe chemical and solvent services.

Temperature Range: 0 F to 300 F
Size Range: .5" to 2" and 3"
Part Number: 5E

Note: This reference is general in nature. For specific services please consult the factory or your local Gemü representative.



Elastomer Diaphragm



Teflon Diaphragm