

HIGH PRESSURE SEAL MATERIAL

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Sr.#	Name	Material	Type	Composition weight %			Size (mm)			Qty.
				Virgin PTFE	Carbon Fiber	Graphite	O.D Ø	Height	I.D Ø	
1	Type A	Carbon fitted PTFE	Solid Rod	75	25	Nil	200	300	n.a	1
2	Type B		Hollow Ring	75	25	Nil	460	120	370	1
3	Type C	Graphite/Carbon filled PTFE	Solid Rod	75	20	5	200	300	n.a	1
4	Type D		Hollow Ring	75	20	5	460	120	370	1

PHYSICAL PROPERTIES FOR TYPE A & B

Specific Gravity/e	Tensile strength	% Elongation at break	Shore D hardness	Coefficient of Dynamic Friction
2.05-2.12 g/cm ³	15-18 MPa	150-300%	62-66	0.12-0.14

PHYSICAL PROPERTIES FOR TYPE C & D

Specific Gravity/e	Tensile strength	% Elongation at break	Shore D hardness	Coefficient of Dynamic Friction
2.05-2.13 g/cm ³	14-17 MPa	200-350%	60-64	0.1-0.12

Notes:

- Material composition test certificate is required.
- Country of Origin: U.S / U.K / EU only