

Material	High Purity PFA ASTM D3307-06 type II	MC402
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Description	Pfa (Perfluoroalkoxy) Fluoropolymer translucent virgin grade FDA compliant 21 CFR 177.1550§ (a) (1) and (b) as finished articles US Pharmacopeia (USP) Class V1	
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Application	This material has excellent chemical inertness, heat resistance and low coefficient of friction	
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Temperature	Low temperature service limit -76F (-60 C). Upper temperature continuous service limit 500F (+260 C).	
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Products	Jacket material for our range of Encapsulated O Rings	
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Physical Properties		
General		
Specific Gravity	ASTM D792	2.15
Hardness shore D	ASTM D2240	55
Elongation % 23C	ASTM D3307	300
250C		500
Tensile strength 23C PSI (Mpa)	ASTM D3307	4061(28)
250C PSI (Mpa)		1740(12)
Flexural modulus 23C PSI (Mpa)	ASTM D790	90648(625)
250C PSI (Mpa)		9572(66)
Thermal		
Melting point F (C)	DTA-E168	575 (306)
Coefficient of linear thermal expansion	D696	
(21-100C) mm/mm/oC		140 . 10-6
(150 - 200C) mm/mm/oC		220 . 10-6

Information

The above information corresponds to our current knowledge and is offered solely to provide possible suggestions for your own experimentations. It is not intended to substitute any testing you may need to conduct to determine suitability of our products for your end use. Philippe Jans nv reserves the right to revise this information as new knowledge and experience becomes available. Philippe Jans makes no warranties and assumes no liability in connection with any use of the above information.