

UltiPure®

FLUID TRANSFER SYSTEMS



PROPERTIES

APPLICATION	FOR INDUSTRIAL PROCESS APPLICATIONS- PHARMACEUTICAL, BIO-TECH, FOOD & BEVERAGE, GENERAL PURPOSE INDUSTRIAL
DESIGN	1/2" - 2" MANUFACTURED OF SMOOTHBORE PFA CORE WITH INTEGRATED AND ADHERED SS WIRE REINFORCING BRAID AND PLATINUM CURED SILICONE JACKET
INNER LAYER	FDA APPROVED VIRGIN OR ANTI-STATIC PFA TUBE
OUTER LAYER	PLATINUM CURED SILICONE WITH INTEGRATED STAINLESS WIRE REINFORCING BRAID
TEMPERATURE MIN/MAX	-65°C TO +204°C (-65°F TO +400°F)
MATERIAL	PFA CORE, SILICONE OUTER JACKET
CERTIFICATION	PFA IN COMPLIANCE; FDA, USP CLASS VI, FREE OF TSE, BSA, AND ADI AS DEFINED IN EMEA/410/01
OTHER	ANTISTATIC LINERS ARE AVAILABLE FOR THE ULTIPURE RANGE FOR WHEN ELECTRICALLY RESISTIVE FLUIDS ARE BEING TRANSFERRED AT HIGH FLOW RATES

PRODUCT DESCRIPTION

UltiPure® – Flexible, smoothbore PFA core silicone jacketed hose range. Where smoothbore is needed for processing and cleaning inside and silicone jacketing needed outside to ensure ease of cleaning and minimize contamination. Ultipure provides the flexibility and process compatibility of silicone hose with the additional chemical resistance of PFA inner core.



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YOUR FLEXIBLE PTFE HOSE PARTNER // WWW.KAHOSE.COM



UltiPure®

DESCRIPTION	ID NOMINAL		OD NOMINAL		WORKING PRESSURE AT 20°C/70°F		MIN. BURST PRESSURE AT 20°C/70°F		MIN. INSIDE BEND RADIUS STATIC		MIN. INSIDE BEND RADIUS DYNAMIC		VACUUM RATING		WEIGHT	
	mm	in	mm	in	psi	bar	psi	bar	mm	in	mm	in	psi	bar	kg/m	lb/ft
1/2" UltiPure®	12,70	0,50	20,6	0,81	300	20,6	1200	82,6	3,81	1,50	11,4	4,50	400	204	0,30	0,20
3/4" UltiPure®	19,00	0,75	28,7	1,13	300	20,6	1200	82,6	6,35	2,50	13,2	5,20	400	204	0,57	0,38
1" UltiPure®	25,40	1,00	37,6	1,48	250	17,2	1000	68,9	10,2	4,00	16,5	6,50	250	121	0,94	0,63
1 1/2" UltiPure®	38,10	1,50	50,8	2,00	200	13,7	800	55,1	17,8	7,00	23,1	9,10	250	121	1,30	0,88
2" UltiPure®	50,80	2,00	63,5	2,50	100	10,3	600	41,3	17,8	7,00	23,1	9,10	150	65	1,90	1,30