



KONGSBERG
AUTOMOTIVE

UltiFlex®



PROPERTIES

APPLICATION	FOR ANY INDUSTRY – PHARMACEUTICAL, BIO-TECH, FOOD & BEVERAGE, CHEMICAL, PETRO-CHEMICAL, GENERAL PURPOSE INDUSTRIAL, AUTOMOTIVE OEM & AUTOSPORT
DESIGN	1/2" – 2" SMOOTHBORE, CONVOLUTED PTFE HOSE CONSTRUCTION
INNER LAYER	FDA APPROVED VIRGIN OR ANTI-STATIC PTFE TUBE
OUTER LAYER	316SS BRAID
TEMPERATURE MIN/MAX	-60°C TO +260°C (-76°F TO +500°F)
MATERIAL	PTFE ACCORDING TO: "ASTM D4895, TYPE 1, GRADE 4, CLASS B / CLASS C" OR "ASTM D4895, TYPE 1, GRADE 3, CLASS D"
CERTIFICATION	IN COMPLIANCE; FDA, EU FOOD, USP CLASS VI, ANTI-STATIC (AS), EN;16643 & MATERIAL CERTIFICATION

PRODUCT DESCRIPTION

UltiFlex® – Ultra-flexible, smoothbore PTFE hose range. When space is an issue, but a smoothbore is a must for an uninterrupted flow and ease of cleaning. Also for arduous applications where strength and resilience coupled with PTFE's unique qualities are required. Bespoke UltiFlex® PTFE hose assemblies are available directly from KA with non-lined or lined (Tafted / Flared) end fittings to improve cleanliness, remove or reduce bug traps and improve the ability to clean in place (CIP) & Sterilize in Place (SIP).





UltiFlex®

PART NUMBER	DESCRIPTION	ID NOMINAL		OD NOMINAL		TUBE WALL THICKNESS NOM.		MAX. WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BEND RADIUS		WEIGHT	
		mm	in	mm	in	mm	in	psi	bar	psi	bar	mm	in	kg/m	lb/ft
SBC12-0B05	1/2" Ultiflex®	12,70	0,50	17,50	0,69	1,60	0,06	870	60	3480	240	38	1,5	0,25	0,17
SBC16-0B05	5/8" Ultiflex®	16,10	0,63	21,10	0,83	1,70	0,07	870	60	3480	240	50	2,0	0,37	0,25
SBC20-0B05	3/4" Ultiflex®	19,30	0,76	24,50	0,96	1,95	0,08	870	60	3480	240	50	2,0	0,42	0,28
SBC25-0B05	1" Ultiflex®	25,70	1,01	32,30	1,27	2,40	0,09	725	50	2900	200	70	2,75	0,63	0,42
SBC32-0B05	1 1/4" Ultiflex®	31,80	1,25	39,30	1,55	2,80	0,10	653	45	2610	180	100	4,0	0,86	0,58
SBC40-0B05	1 1/2" Ultiflex®	38,30	1,51	46,70	1,84	3,00	0,12	580	40	2320	160	170	6,7	1,17	0,79
SBC50-0B05	2" UltiFlex®	51,10	2,01	59,00	2,32	3,00	0,12	435	30	1740	120	210	8,27	1,53	1,03

UltiFlex® Conductive

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		mm	in	mm	in	mm	in	psi	bar	psi	bar	mm	in	kg/m	lb/ft
SBCF12-0B05	1/2" Ultiflex® AS	12,70	0,50	17,50	0,69	1,60	0,06	870	60	3480	240	38	1,5	0,25	0,17
SBCF16-0B05	5/8" Ultiflex® AS	16,10	0,63	21,10	0,83	1,70	0,07	870	60	3480	240	50	2,0	0,37	0,25
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