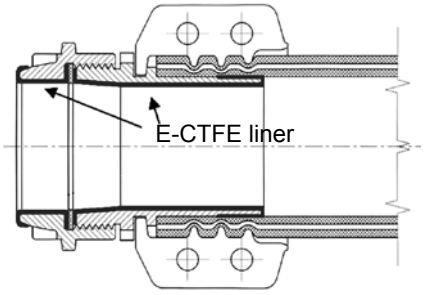
E-CTFE lined couplings



E-CTFE coated couplings resist the most aggressive chemicals, even so corrosive that the couplings made of AISI 316 acid resistant steel fail. When corrosion is the case, it is recommended to use either expensive couplings made of special nickel-based alloys (e.g. Hastelloy) or (not so expensive) AISI 316 steel couplings with powder coated E-CTFE liner.
E-CTFE is a copolymer of ethylene and chlorotrifluoroethylene, known under the brand name Halar®. It is highly resistant to chemicals over a wide temperature range (approximately from -40°C up to +130°C). Resistant to all acids, lye and other aggressive media (pH range 1 ÷14). Very good mechanical properties, especially hardness and abrasion resistance. E-CTFE coatings have exceptional surface smoothness. The coating made of E-CTFE is about 0.5 ÷ 0.6 mm thick. There are two special versions also available: a conductive version (R <10^6 Ω) and the one compliant with FDA requirements for food transfer.

Several types of industrial couplings can be coated with E-CTFE e.g.:
- TW couplings,
- CAMLOCK couplings,
- flanges,
- threaded couplings and adapters,
- composite hose fittings,
- breakaway couplings.

picture	code	size	material [mm]	weight [kg]
MK coupling with female thread  **MK**	TW-MK-050-SSE	MK 50 - 2” (TW 1502)	AISI 316 E-CTFE	0.69
	TW-MK-080-SSE	MK 80 - 3” (TW 502)	AISI 316 E-CTFE	1.45
	TW-MK-100-SSE	MK 100 - 4”	AISI 316 E-CTFE	2.75
VK coupling with female thread  **VK**	TW-VK-050-SSE	VK 50 G 2” (TW 1501)	AISI 316 E-CTFE	0.31
	TW-VK-080-SSE	VK 080 G 3” (TW 501)	AISI 316 E-CTFE	0.73
	TW-VK-100-SSE	VK 100 G 4”	AISI 316 E-CTFE	1.15
Fitting with male tread for RS safety clamp assembly  **KRS**	TW-KRS-050-SSE	DN 50 - 2”	AISI 316 E-CTFE	-
	TW-KRS-075-SSE	DN 75 - 3”	AISI 316 E-CTFE	-
	TW-KRS-100-SSE	DN 100 - 4”	AISI 316 E-CTFE	-

VB plug and MB caps are also available with E-CTFE liner.