Semperflex INDUSTRIAL

21.06.2022 – V6

Application / Anwendung	Hose type / Schlauchtype	Standard	Mineral Oil - max. aromatics**				Diesel / Biodiesel			Gasoline / Benzin				Gas	
			30%	40%	50%	60%	B7 (EN590)	B20	Biodiesel (B100/FAME)	E5 (EN 228)	E10	E85	E100	LPG	CNG
Vehicle Fuel ***Treibstoffschlauch Fahrzeug***	**FUB**	SAE J30 R2/R6	S	S	S	S	S	S	S	S	S	S	S	X	X
	FUB 386	SAE J30 R2/R6	S	S	S	S	S	S	S	S	S	S	S	X	X
	FMO	see remark*	S	S	S	S	S	S	S	S	S	S	S	X	X
	FMS	see remark*	S	S	S	S	S	S	S	S	S	S	S	X	X
	FUE	see remark*	S	S	S	X	S	S	C	S	S	C	C	X	X
	FPB R67/R110	ECE R67/R110	X	X	X	X	X	X	X	X	X	X	X	S	S
	FPB	see remark[1]	X	X	X	X	X	X	X	X	X	X	X	S	X
Petrol Pump ***Zapfstellenschlauch***	**TEF 1360**	EN 1360	S	S	S	S	S	S	S	S	S	S	S	X	X
	TEU 1360	EN 1360	S	S	S	S	S	S	S	S	S	S	S	X	X
	TMH	see remark*	S	S	S	S	S	S	C	S	S	S	S	X	X
	TOF 319	see remark*	S	S	S	S	S	S	C	S	S	S	S	X	X
Oil / Fuel Tank Truck ***Tankfahrzeug/Förderung***	**TM3-D**	EN 1762	S	S	S	S	S	S	S	S	S	S	S	S[2]	S[2]
	TM1	EN 1761 / EN 12115	S	S	S	S	S	S	S	S	S	S	S	X	X
	TM2	EN 1761 / EN 12115	S	S	S	S	S	S	S	S	S	S	S	X	X
	FLEXIOIL	EN 1761 / EN 12115	S	S	S	S	S	S	S	S	S	S	S	X	X
	FLEXIOIL D	EN 1761 / EN 12115	S	S	S	S	S	S	S	S	S	S	S	X	X
	TMSL corrugated	see remark*	S	S	S	S	S	S	S	S	S	S	S	X	X
	TM 30 series	see remark*	S	S	S	X	S	S	C	C	C	C	C	X	X
	TM 50 series	see remark*	S	S	S	X	S	S	C	C	C	C	C	X	X
Onshore for Oil / Fuel	**TSF 16 / TSF 20**	see remark*	S	S	S	S	S	S	S	S	S	S	S	X	X
Multipurpose Mineral Oil Hoses for Industrial applications ***Vielzweck Mineralölschlauch*** *für Industrielle Anwendungen*	**TU 10/20/25**	see remark*	S	S	S	C	S	S	C	S	S	C	C	X	X
	TU 40	see remark*	S	S	S	C	S	S	C	C	C	C	C	X	X
	TUC 10/20	see remark*	S	S	C	X	S	S	X	X	X	X	X	X	X
Oil Return	**TMR4 series**	SAE J517 100 R4	S	S	C	X	S	S	C	C	C	X	X	X	X
Oil Cooling	**FKO**	see remark*	S	S	C	C	S	S	S	X	X	X	X	X	X
Universal Multipurpose hose (Oil/Hot Water/Light Chemicals) ***Universeller Vielzweckschlauch*** *(Öl/Heißwasser/Leichte Chemikalien)*	**Supreme**	see remark*	S	S	C	C	S	S	X	X	X	X	X	X	X

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* For hose types not assigned to a standard, the generally applicable ASTM references were used for assessment
** The maximum aromatic content validation is based on tests with reference fuel simulants with 30-60% aromatic content
[1)] Transport of Propane-Butane gas for low pressure applications
[2)] Suitable for Petrol Pump hose application as well

The suitability classification has been tested in our internal laboratory referring to mentioned standards and the parameters specified therein (such as temperature and test media). The results and categorization in the table above does not reflect the performance of the product in any specific application, but it enables to assign and select the right hose to the relevant medium used.

Table color scheme

S: **Suitable** for continuous service in full- and empty hose systems

C: **Conditional** → might have a limited suitability in real application; because of insufficient data in our hands, we advise to test the hose performance suitability under real conditions prior usage; in case of any questions we recommend contacting our team for further support

X: **Not recommended / not suitable** → the material properties might be affected and weakened during usage