BLADDER FUEL TANKS

Reliability
Quality
Innovation

FUEL TANK WALL STRUCTURES		SFT 41076	SFT 23209	SFT 18882	SFT 92013	SFT 41076-PR	SFT 23209-PR	SFT 18882-PR	SFT 92013-PR
Specifications type	**Measurement Unit**	**BLADDER FUEL TANK FOR MOGAS/AVGAS USE - WITHOUT ALCHOOL -**				**BLADDER FUEL TANK FOR FUEL CONTAINING ALCHOOL UNTIL 85%**			
Thickness	mm	1.3 ÷ 1.4	0.65 ÷ 0.70	0.55 ÷ 0.60	0.40 ÷ 0.45	1.4 ÷ 1.45	0.7 ÷ 0.75	0.6 ÷ 0.65	0.45 ÷ 0.50
Unitary Weight	gr /m²	1350	750	650	450	1425	800	700	500
Puncture Strength	daN	78	78	25	15	78	78	25	15
Tear Strength	daN	25	25	8	5	25	25	8	5
Tensile Strength	daN / cm	200	200	65	40	200	200	65	40
Flange Material	-	6082 T6	6082 T6	6082 T6	6082 T6	6082 T6	6082 T6	6082 T6	6082 T6
Coating Compound	-	NBR/PVC	NBR/PVC	NBR/PVC	NBR/PVC	NBR/PVC/BL	NBR/PVC/BL	NBR/PVC/BL	NBR/PVC/BL
Fiber type	-	Nylon 6.6	Zylon HM	Nylon 6.6	Nylon 6.6	Nylon 6.6	Zylon HM	Nylon 6.6	Nylon 6.6
Fluorine/Barrier	-	NO	NO	NO	NO	YES	YES	YES	YES
Permeability with AVGAS fuel	gr/mq x 24h	≤ 10 ÷ 20	≤ 10 ÷ 20	≤ 20	≤ 30	≤ 1	≤ 1	≤ 1	≤ 1
Proportional Price	€	1	1.4	0.9	0.8	1.3	1.8	1.2	1.1
PERFORMANCE	-	**Anti-explosion and crash proof**	**Anti-explosion and crash proof**	**Anti-explosion**	**Anti-explosion**	**Anti-explosion and crash proof**	**Anti-explosion and crash proof**	**Anti-explosion**	**Anti-explosion**

NB: Specifications belong to our experience, tests and homologations. Anyway, even if these values have to be considered reliable, they will not commit Merin under any circumstances.

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