



ITEM #	Description
4051T1	ORCAMAT T-1 1MM 39.37" X 164' ROLL
4051T150	ORCAMAT T-1 1MM 50" X 164' ROLL
4052T2	ORCAMAT T-2 2MM 39.37" X 164' ROLL
4052T250	ORCAMAT T-2 2MM 50" X 164' ROLL
4053T3	ORCAMAT T-3 3MM 39.37" X 164' ROLL
4054T4	ORCAMAT T-4 4MM 39.37" X 164' ROLL
4054T450	ORCAMAT T-4 4MM 50" X 164' ROLL

ORCA-MAT:

Properties

- ORCA-MAT is a low density, non woven continuous strand laminate bulker print control mat containing approximately 45% by volume of microballoons and having a density of 0.045 G/cm²
- ORCA-MAT has excellent wet-out property for unsaturated polyester resins and absorbs about 55% by volume of the resin
- No change of thickness is observed even after the resin has been cured

	Unit	T-1	T-2	T-3	T-4	T-5
Thickness (dry)	mm	1.3	2.1	3.1	4.1	5.1
Thickness (wet)	mm	1.2	2.0	3.0	4.0	5.0
Weight	g/m ²	60	90	135	160	200
Apparent density	g/cm ³	0.040	0.045	0.045	0.040	0.040
Resin absorption	%	55	60	55	55	55
Standard width	inches	39.37"	39.37"	39.37"	39.37"	39.37"
Roll length	ft	164'	164'	164'	164'	164'
Roll weight	Lbs.±	9#	11#	15#	18#	22#
Roll diameter	inches±	13"	15.5"	19"	21.5"	23.5"
Roll volume	yd ³ ±	0.11	0.16	0.23	0.30	0.36

Minimum/Maximum available width is 2"-53.9" on custom orders.

Packaging

Each individual roll is wound on a paper core and wrapped with clear polyethylene film.

Storage

ORCA-MAT should be stored dry in its original packaging, in a well ventilated area away from direct light. Rolls must be stored vertically, as horizontal storage or piling might affect thickness.

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