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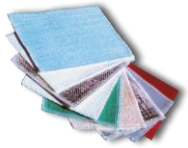
Prodotti e Sistemi per l'isolamento termico ed acustico



Glass Fabrics

TVR		Weight g/m2	Thickness mm	Threads / cm		Tensile Strength, kg/cm		Max continuous temperature of fabrics	Max continuous temperature of finish
Type	Finishing	(Toll. ± 10%)	(Toll. ± 10%)	Weft	Warp	Weft	Warp		
TVR 012	G	100	0,12	24	24	15	15	550°C	-
	AC	120	0,12	24	24	15	15	550°C	100°C
	ACN	120	0,12	24	24	15	15	550°C	100°C
	M	120	0,12	24	24	15	15	550°C	100°C
TVR 018	G	200	0,18	12	17	35	47	550°C	-
	AC	220	0,18	12	17	35	47	550°C	100°C
	ACN	220	0,18	12	17	35	47	550°C	100°C
	PG	220	0,18	12	17	35	47	550°C	180°C
	AL	280	0,20	12	17	35	47	550°C	100°C
	M	220	0,18	12	17	35	47	550°C	100°C
TVR 136	G	420	0,35	11	19	50	90	550°C	-
	C	420	0,35	11	19	35	63	550°C	-
	PG	420	0,36	11	19	50	90	550°C	180°C
	AL	500	0,37	11	19	50	90	550°C	100°C
	AL PES	500	0,37	11	19	50	90	550°C	160°C
	M	440	0,36	11	19	50	90	550°C	100°C
	S1/80	500	0,38	11	19	>50	>90	550°C	200°C
	S1/100	520	0,40	11	19	>50	>90	550°C	200°C
	S2/100	520	0,40	11	19	>50	>90	550°C	200°C
	S2/150	570	0,50	11	19	>50	>90	550°C	200°C
	S2/200	620	0,55	11	19	>50	>90	550°C	200°C
TVR 602	G	600	0,60	14	14	100	100	550°C	-
	C	600	0,60	14	14	70	70	550°C	-
	AL	700	0,62	14	14	100	100	550°C	100°C
	AL PES	700	0,62	14	14	100	100	550°C	160°C
TVR 650	G	650	0,70	15	16	105	110	550°C	-
	C	650	0,70	15	16	73	77	550°C	-
	S1/100	750	0,75	15	16	>105	>110	550°C	200°C
	S1/200	850	0,80	15	16	>105	>110	550°C	200°C
	S2/150	800	0,85	15	16	>105	>110	550°C	200°C
	S2/300	950	0,95	15	16	>105	>110	550°C	200°C
	S2/400	1050	1,05	15	16	>105	>110	550°C	200°C
TVR 661	INOX	640	0,70	15	16	85	90	550°C	-
	PG/INOX	660	0,70	15	16	85	90	550°C	180°C
TVR 850	G	850	0,85	14	17	140	120	550°C	-
	S2/150	1000	1,00	14	17	>140	>120	550°C	200°C

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Glass Fabrics

TVT		Weight g/m2	Thickness mm	Threads / cm		Tensile Strength, kg/cm		Max continuous temperature of fabrics	Max continuous temperature of finish
Type	Finishing	(Toll. ± 10%)	(Toll. ± 10%)	Weft	Warp	Weft	Warp		
TVT 280	G	280	0,50	5	8	-	-	550°C	-
TVT 600	C	600	0,85	5	7	22	28	550°C	-
	AL	700	0,90	5	7	30	40	550°C	100°C
TVT 621	C	640	0,90	6	8	22	33	550°C	-
	AL	720	0,95	6	8	30	48	550°C	100°C
	HT	720	0,90	6	8	30	48	550°C	>650°C
TVT 804	G	850	1,30	7	12	35	60	550°C	-
	C	850	1,30	7	12	24	42	550°C	-
	PG	900	1,30	7	12	35	60	550°C	180°C
	HT	900	1,30	7	12	35	60	550°C	>650°C
TVT 1100	G	1100	1,50	4	4	45	45	550°C	-
	PG	1130	1,60	4	4	45	45	550°C	180°C
	AL	1200	1,60	4	4	45	45	550°C	100°C
	HT	1250	1,60	4	4	45	45	550°C	>650°C
	HT BLUE	1180	1,80	4	4	45	45	550°C	>650°C
TVT 2000	G	2000	3,00	2,5	6	45	45	550°C	-
	AL	2100	3,10	2,5	6	45	45	550°C	100°C
TVTR 25	FERRATEX	820	1,10	6	8	36	54	650°C	>650°C

Finishing Key

AC	Self-extinguishing acrylic resin
ACN	Self-extinguishing acrylic resin black
AL	Laminated with aluminium foil thk 15-25 microns
AL PES	Laminated with aluminium polyester foil
C	Caramelized
FERRATEX	Double wire reinforced in weft-warp
G	Loomstate
HT	Refractory vermiculite resin
HT BLUE	Refractory resin (Blue)
INOX	Wire reinforced in weft-warp
M	Non combustible resin
PG	Aluminium polyurethane coating
PG/INOX	Wire reinforced in weft-warp aluminium polyurethane coating
S1	Self-extinguishing aluminium silicone rubber coating on one side
S2	Self-extinguishing aluminium silicone rubber coating on both sides

Technical Characteristics

Raw Material
100% glass fibre "E" type

Chemical Composition

SiO2	52/60%
Cao	16/25%
Al2O3	12/16%
others	8/20%

TVR fabrics are made of 100% continuos twisted glass yarns to withstand temperatures up to 550°C.
TVT fabrics are made of 100% texturized and/or bulked glass fibre yarns to withstand temperature up to 550°C.
They are subject to special finishing treatments to meet various requirements for high temperature heat insulation.