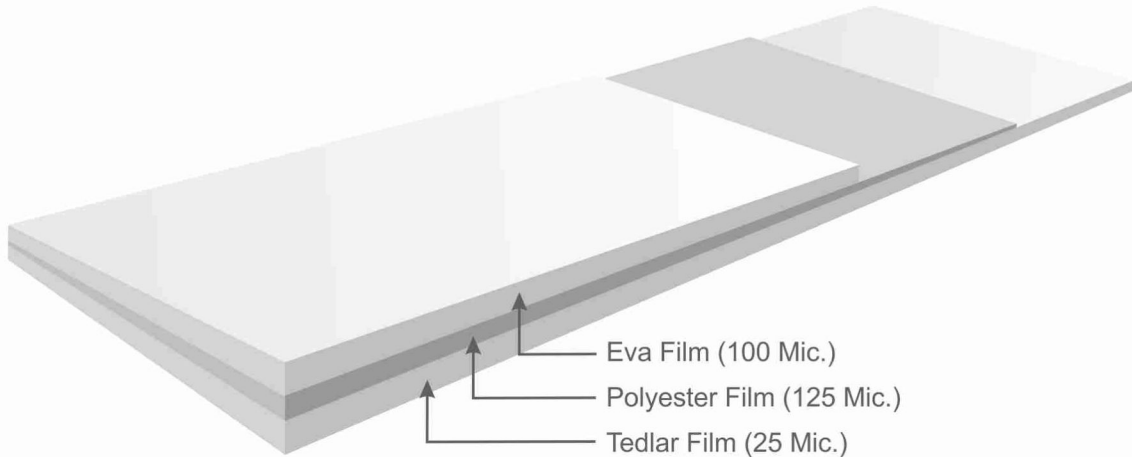


Product : Garsol-TPE
Tedlar + Polyester + EVA



Property	Units	Test Method	Tedlar + Polyester + EVA 25 125 100
Thickness	Mic.	Internal	268
Basic Weight	Gms /Sq. M	IS - 1060	328
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	250 / 249
Elongation - MD / CD	% (Min.)	ASTM - D - 882	180% / 160%
Break Down Voltage	Kv (Min.)	ASTM - D - 149	16.5
Heat Shrinkage at - MD / CD	%	150 Deg. C for 30 mm	< 1.6 % / < 0.4%
Inter Layer Peel Strength	N / Cm	ASTM - D - 903	> 5
Adhesion to Encapsulant	N / Cm	ASTM - D - 903	> 70
Partial Discharge Test	VDC	IEC-60664-1 / IEC-61730	> 1000

Remarks : Tolerance in Thickness +/- 10%
Tolerance in Basic Wt. +/- 10%



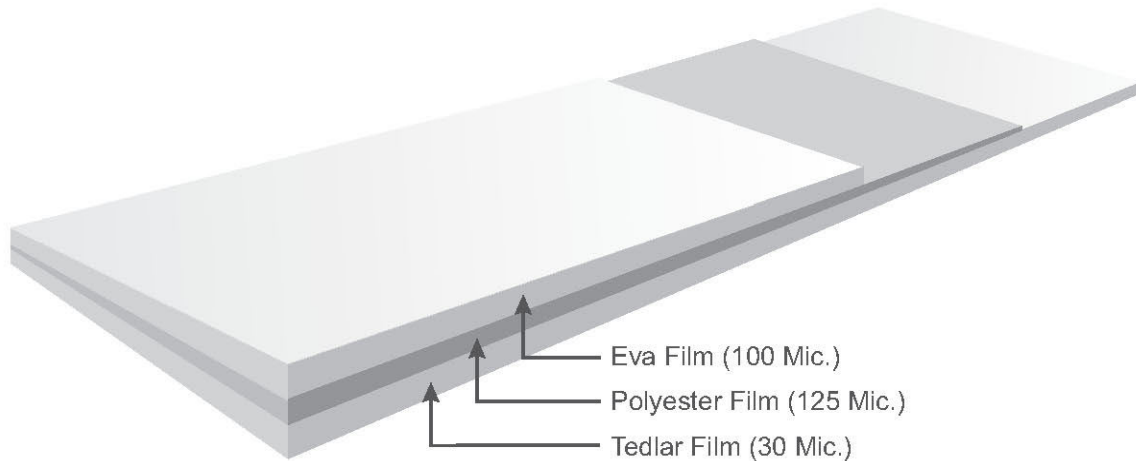
UL[®] Recognised Component[™]
Under UL File No. E361414

Note : All information on this Technical Data Sheet has been obtained as a result of tests carried out to the best of our ability on the specimens produced and treated as described above. The Typical Values are intended to give a general indication of the characteristics of the above material but no liability must be assumed or implied as a result of any data given.

Plot No. 26, G.D.D.I.D.C., Somnath Road, Opp. Somanth Temple, Daman - 396 215.

T (022) 2832 9474 / 5 / 6 T (0260) 224 3173 / 224 3978 E polycomposites@eth.net
F (022) 2832 9886 F (0260) 224 3704 W www.polycomassociates.com

Product : Garsol-TPE
Tedlar + Polyester + EVA



Property	Units	Test Method	Tedlar + Polyester + EVA 30 125 100
Thickness	Mic.	Internal	268
Basic Weight	Gms /Sq. M	IS - 1060	328
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	250 / 249
Elongation - MD / CD	% (Min.)	ASTM - D - 882	180% / 160%
Break Down Voltage	Kv (Min.)	ASTM - D - 149	16.5
Heat Shrinkage at - MD / CD	%	150 Deg. C for 30 mm	< 1.1 % / < 0.5%
Inter Layer Peel Strength	N / Cm	ASTM - D - 903	> 5
Adhesion to Encapsulant	N / Cm	ASTM - D - 903	> 70
Partial Discharge Test	VDC	IEC-60664-1 / IEC-61730	> 1000
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	1.83

Remarks : Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%



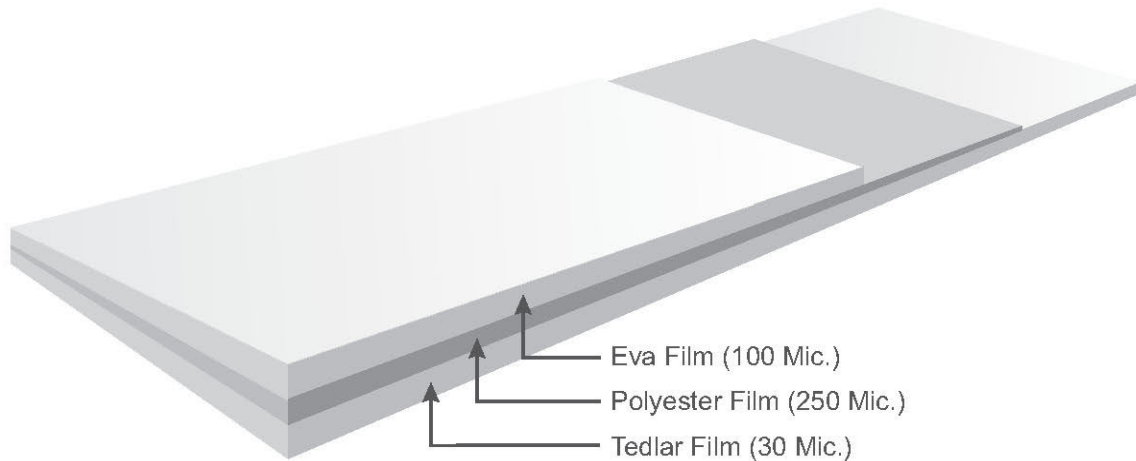
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Datasheet : Polycom Associates 17/07/2014
SQUARE

Product : Garsol-TPE
Tedlar + Polyester + EVA



Property	Units	Test Method	Tedlar + Polyester + EVA 30 250 100
Thickness	Mic.	Internal	390
Basic Weight	Gms /Sq. M	IS - 1060	487
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	390 / 400
Elongation - MD / CD	% (Min.)	ASTM - D - 882	250% / 180%
Break Down Voltage	Kv (Min.)	ASTM - D - 149	20
Heat Shrinkage at - MD / CD	%	150 Deg. C for 30 mm	< 1.2 % / < 0.5%
Inter Layer Peel Strength	N / Cm	ASTM - D - 903	> 5
Adhesion to Encapsulant	N / Cm	ASTM - D - 903	> 70
Partial Discharge Test	VDC	IEC-60664-1 / IEC-61730	TUV Certified : 1126
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	1.34

Remarks : Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%



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