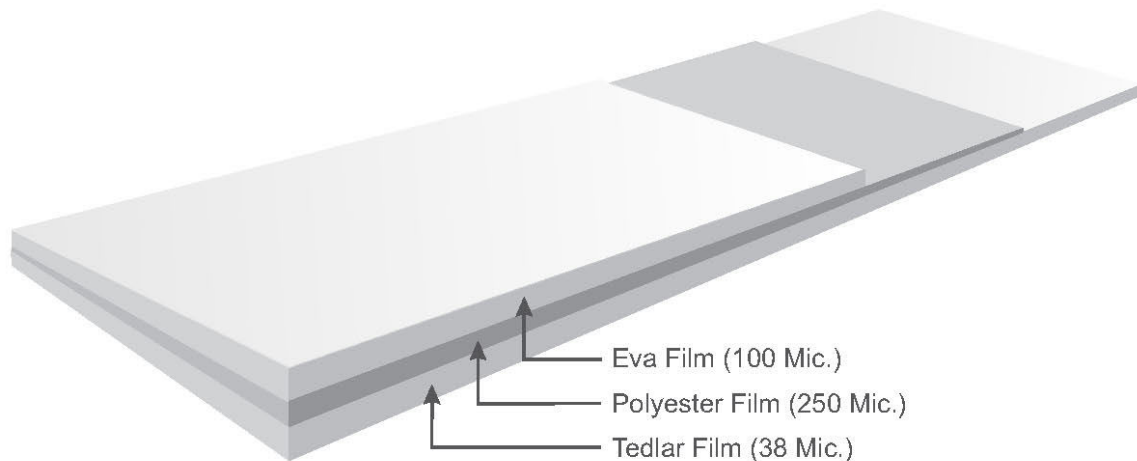


Product : Garsol-TPE
Tedlar + Polyester + EVA



Property	Units	Test Method	Tedlar + Polyester + EVA 38 250 100
Thickness	Mic.	Internal	400
Basic Weight	Gms /Sq. M	IS - 1060	500
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	420 / 400
Elongation - MD / CD	% (Min.)	ASTM - D - 882	160% / 140%
Break Down Voltage	Kv (Min.)	ASTM - D - 149	22
Heat Shrinkage at - MD / CD	%	150 Deg. C for 30 mm	< 1 % / < 0.7 %
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 : 1215
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	0.69

Remarks : Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%

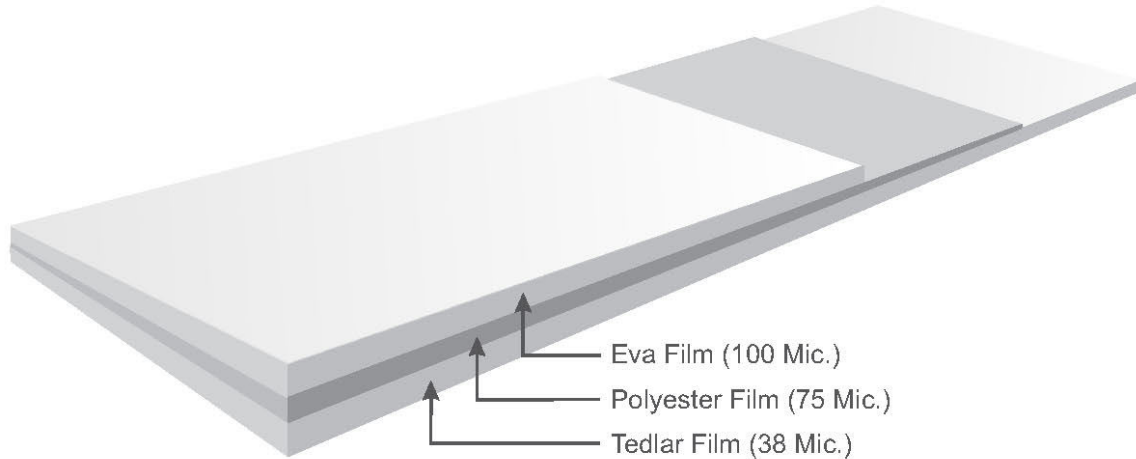


Note : All information on this Technical Data Sheet has been obtained as a result of tests carried out to the best of our ability on the specimens produced and treated as described above. The Typical Values are intended to give a general indication of the characteristics of the above material but no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

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Product : Garsol-TPE
Tedlar + Polyester + EVA



Property	Units	Test Method	Tedlar + Polyester + EVA 38 75 100
Thickness	Mic.	Internal	220
Basic Weight	Gms /Sq. M	IS - 1060	260
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	160 / 150
Elongation - MD / CD	% (Min.)	ASTM - D - 882	150% / 130%
Break Down Voltage	Kv (Min.)	ASTM - D - 149	12.5
Heat Shrinkage at - MD / CD	%	150 Deg. C for 30 mm	< 1% / < 0.7%
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 : 913
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	3.53

Remarks : Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%

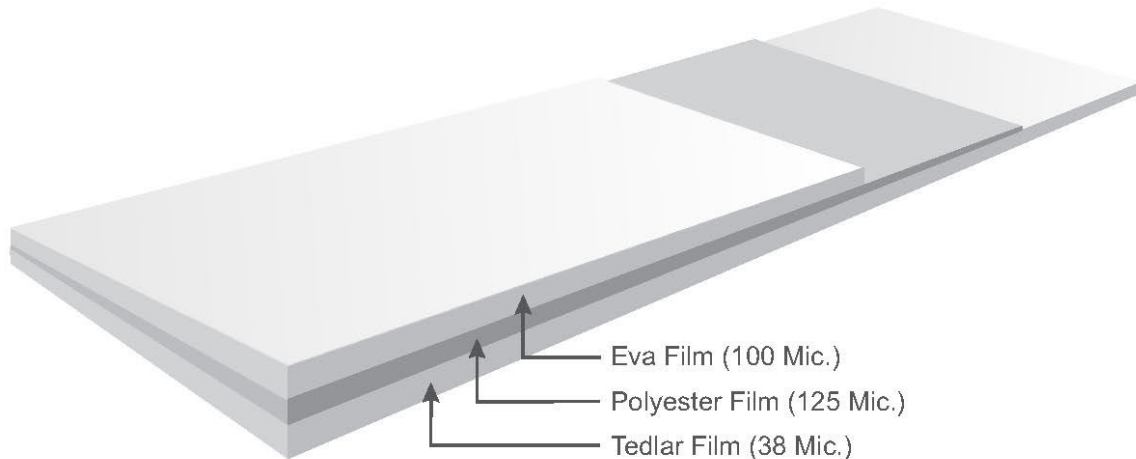


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Product : Garsol-TPE
Tedlar + Polyester + EVA



Property	Units	Test Method	Tedlar + Polyester + EVA 38 125 100
Thickness	Mic.	Internal	280
Basic Weight	Gms /Sq. M	IS - 1060	330
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	230 / 210
Elongation - MD / CD	% (Min.)	ASTM - D - 882	150% / 130%
Break Down Voltage	Kv (Min.)	ASTM - D - 149	17
Heat Shrinkage at - MD / CD	%	150 Deg. C for 30 mm	< 1 % / < 0.7%
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 : 1016
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	2.83

Remarks : Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%



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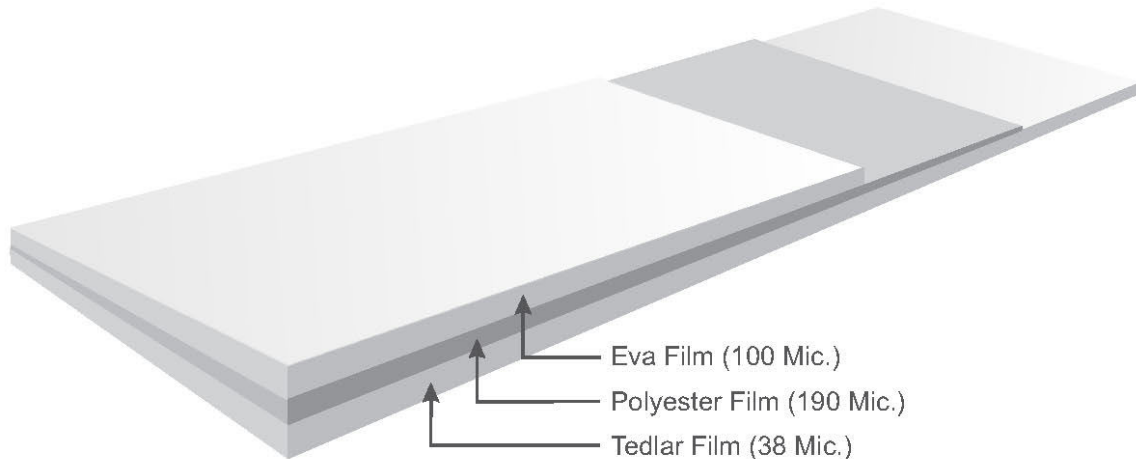
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SQUARE

Product : Garsol-TPE
Tedlar + Polyester + EVA



Property	Units	Test Method	Tedlar + Polyester + EVA 38 190 100
Thickness	Mic.	Internal	340
Basic Weight	Gms /Sq. M	IS - 1060	420
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	370 / 350
Elongation - MD / CD	% (Min.)	ASTM - D - 882	160% / 140%
Break Down Voltage	Kv (Min.)	ASTM - D - 149	19
Heat Shrinkage at - MD / CD	%	150 Deg. C for 30 mm	< 1 % / < 0.7 %
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	1185
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	2.13

Remarks : Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%



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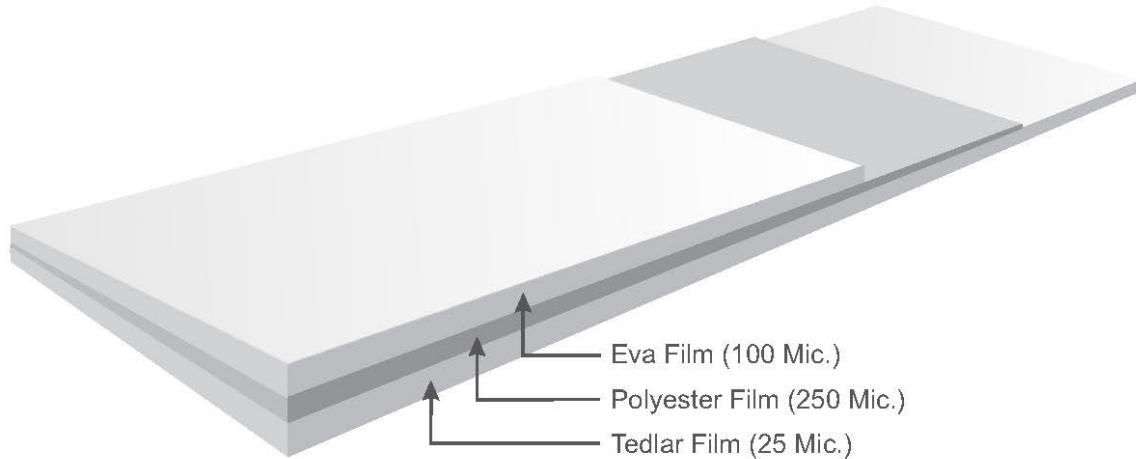
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Datasheet : Polycom Associates 06/09/2013
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Product : Garsol-TPE
Tedlar + Polyester + EVA



Property	Units	Test Method	Tedlar + Polyester + EVA 25 250 100
Thickness	Mic.	Internal	390
Basic Weight	Gms /Sq. M	IS - 1060	490
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	420 / 400
Elongation - MD / CD	% (Min.)	ASTM - D - 882	160% / 140%
Break Down Voltage	Kv (Min.)	ASTM - D - 149	22
Heat Shrinkage at - MD / CD	%	150 Deg. C for 30 mm	< 1 % / < 0.7 %
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 : 1150
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	0.77

Remarks : Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%



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