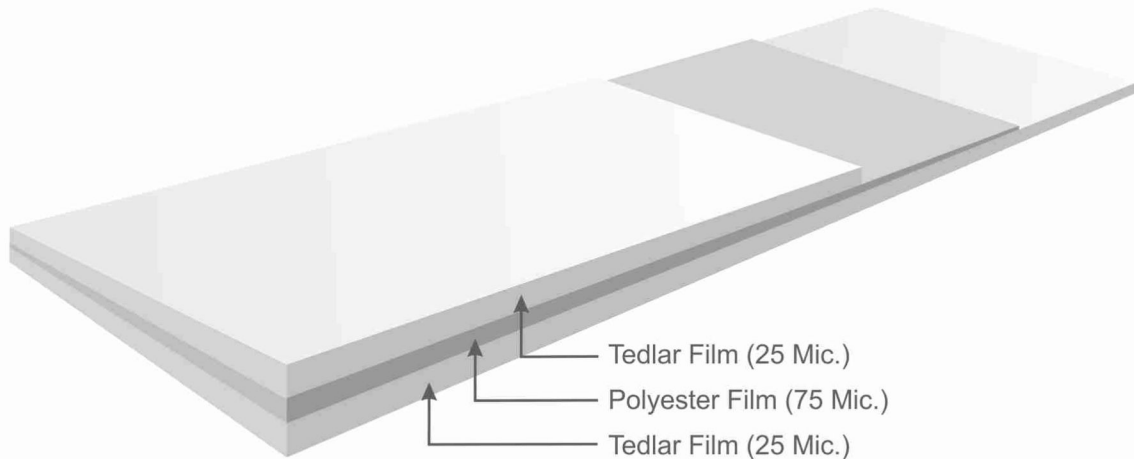


Product : Garsol (TPT)  
Tedlar + Polyester + Tedlar



Property	Units	Test Method	Tedlar + Polyester + Tedlar 25 75 25
Thickness	Mic.	Internal	150
Basic Weight	Gms /Sq. M	IS - 1060	250
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	150 / 140
Elongation - MD / CD	% (Min.)	ASTM - D - 882	150 / 120
Break Down Voltage	Kv (Min.)	ASTM - D - 149	13.5
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	> 40
Partial Discharge Test	VDC	IEC-60664-1 / IEC-61730	TUV Certified : 750
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	-

**Remarks :** Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%



**UL<sup>®</sup> Recognised Component<sup>™</sup>**  
Under UL File No. E361414

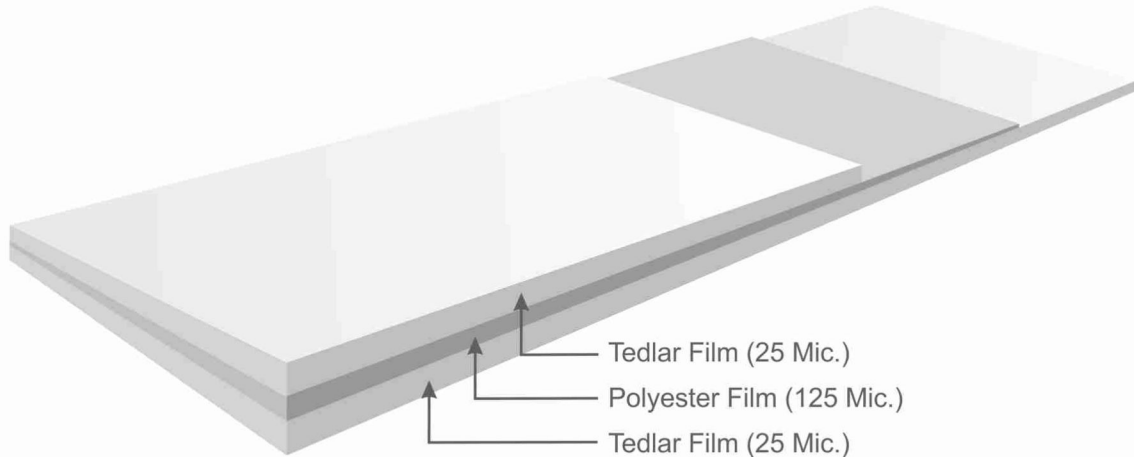
**Note :** All information on this Technical Data Sheet has been obtained as a result of tests carried out to the best of our ability on the specimens produced and treated as described above. The Typical Values are intended to give a general indication of the characteristics of the above material but 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

Datasheet : Polycom Associates 05/09/2013  
SQUARE

Product : Garsol (TPT)  
 Tedlar + Polyester + Tedlar



Property	Units	Test Method	Tedlar + Polyester + Tedlar 25 125 25
Thickness	Mic.	Internal	180
Basic Weight	Gms /Sq. M	IS - 1060	270
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	180 / 160
Elongation - MD / CD	% (Min.)	ASTM - D - 882	150 / 120
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	> 40
Partial Discharge Test	VDC	IEC-60664-1 / IEC-61730	TUV Certified : 870
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	2.91

**Remarks :** Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%



**UL<sup>®</sup> Recognised Component<sup>™</sup>**  
 Under UL File No. E361414

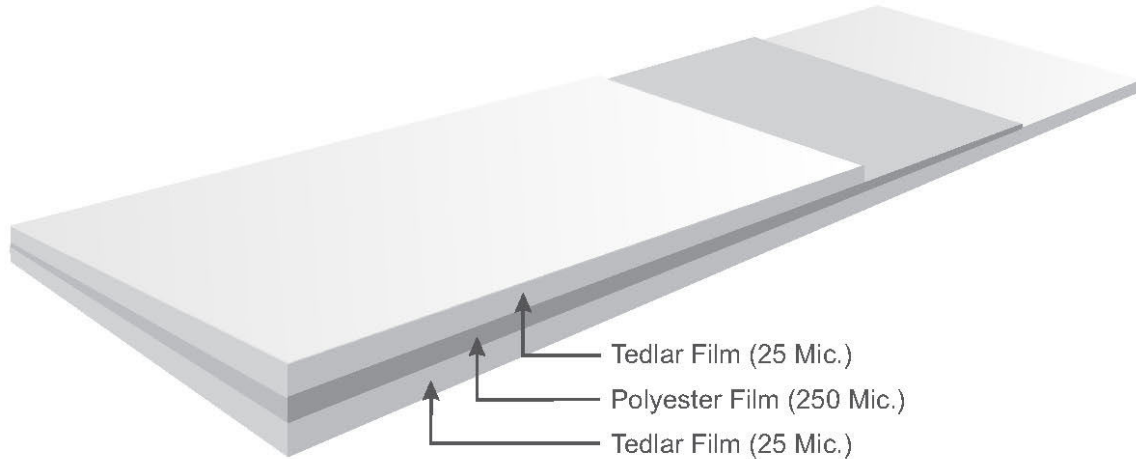
**Note :** All information on this Technical Data Sheet has been obtained as a result of tests carried out to the best of our ability on the specimens produced and treated as described above. The Typical Values are intended to give a general indication of the characteristics of the above material but 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

Datasheet : Polycom Associates 05/09/2013  
 SQUARE

Product : Garsol (TPT)  
 Tedlar + Polyester + Tedlar



Property	Units	Test Method	Tedlar + Polyester + Tedlar 25 250 25
Thickness	Mic.	Internal	325
Basic Weight	Gms /Sq. M	IS - 1060	460
Tensile Strength - MD / CD	N / Cm	ASTM - D - 882	380 / 360
Elongation - MD / CD	% (Min.)	ASTM - D - 882	150 / 120
Break Down Voltage	Kv (Min.)	ASTM - D - 149	22.5
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	> 40
Partial Discharge Test	VDC	IEC-60664-1 / IEC-61730	TUV Certified : 1070
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	0.85

Remarks : Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%



**UL Recognised Component™**  
 Under UL File No. E361414

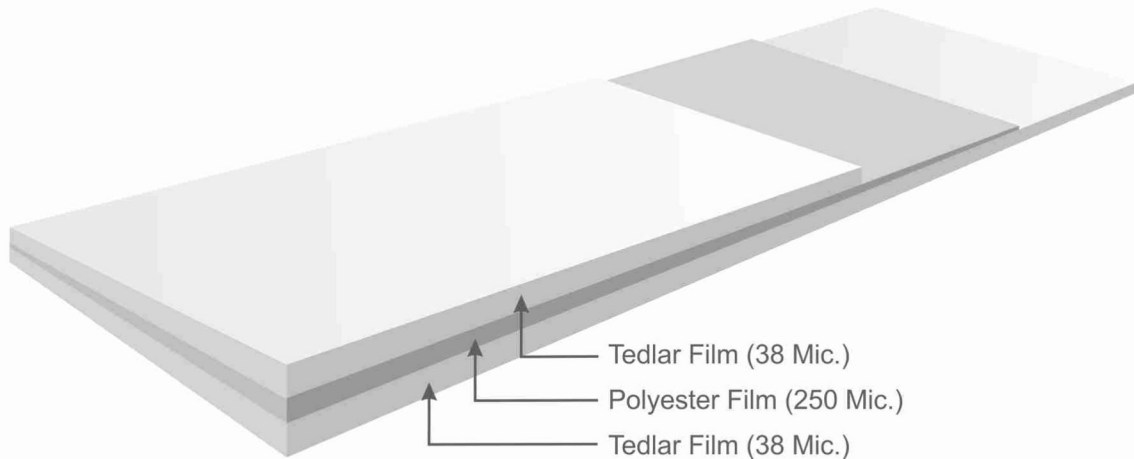
**Note** : All information on this Technical Data Sheet has been obtained as a result of tests carried out to the best of our ability on the specimens produced and treated as described above. The Typical Values are intended to give a general indication of the characteristics of the above material but 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

Datasheet : Polycom Associates 06/09/2013  
 SQUARE

Product : Garsol (TPT)  
Tedlar + Polyester + Tedlar



Property	Units	Test Method	Tedlar + Polyester + Tedlar 38 250 38
Thickness	Mic.	Internal	350
Basic Weight	Gms /Sq. M	IS - 1060	480
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	25
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	> 30
Partial Discharge Test	VDC	IEC-60664-1 / IEC-61730	TUV Certified : 1114
W.V.T.R.	G / Sq. M / Day	ASTM - F - 1249:06	1.57

**Remarks :** Tolerance in Thickness +/- 10%

Tolerance in Basic Wt. +/- 10%



**UL<sup>®</sup> Recognised Component<sup>™</sup>**  
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

Datasheet : Polycom Associates 05/09/2013  
SQUARE