

# 3M™ Acoustic Insulation Solutions

## Product overview








3M™ Thinsulate™ Acoustic Insulation	Composition	Material thickness in mm	Weight in g/m <sup>2</sup>	Color			Temperature resistance	Flammability
				Scrim	Web	Scrim		
<a href="#">AU1504-6</a> 	62 % Polypropylene 38 % Polyester	9	190	Black	White	–	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">AU1704-6</a> 	62 % Polypropylene 38 % Polyester	12	210	Black	White	–	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">AU2004-6</a> 	62 % Polypropylene 38 % Polyester	13	240	Black	White	–	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">AU3004-6</a> 	62 % Polypropylene 38 % Polyester	19	340	Black	White	–	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">AU4004-6</a> 	62 % Polypropylene 38 % Polyester	26	440	Black	White	–	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">SM600L</a> 	65 % Polypropylene 35 % Polyester	42	672	Black	White	–	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">TF1500</a> 	60 % Polypropylene 40 % Polyester	16	150	White	White	White	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">TF1800</a> 	60 % Polypropylene 40 % Polyester	21	185	White	White	White	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">TF2300</a> 	60 % Polypropylene 40 % Polyester	27	232	White	White	White	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)

 = Click on the relevant field to open the desired file

Other 3M products for the automobile industry.


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				Scrim	Web	Scrim		
<a href="#">TC1503</a> 	50 % Polypropylene 50 % Polyester	16	150	White	White	White	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">TC1803</a> 	50 % Polypropylene 50 % Polyester	21	185	White	White	White	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">TC2303</a> 	50 % Polypropylene 50 % Polyester	27	232	White	White	White	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">TC3403</a> 	50 % Polypropylene 50 % Polyester	41	332	White	White	White	120° C	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">HT400P<sup>1)</sup></a> 	100 % Polyester	21	467	Black	White	-	150°C (336h) 180°C (48h)	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">HT500C<sup>2)</sup></a> 	100 % Polyester	23	568	Black	White	-	150°C (336h) 180°C (48h)	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">HT500P</a> 	100 % Polyester	26	567	Black	White	-	150°C (336h) 180°C (48h)	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">HT500PP</a> 	100 % Polyester	26	634	Black	White	Black	150°C (336h) 180°C (48h)	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)
<a href="#">HT1000C</a> 	100 % Polyester	58	1068	Black	White	-	150°C (336h) 180°C (48h)	Self-Extinguishing (SE) as per SAE J369 (FMVSS 302, ISO 3795, DIN75200)

1) Performance Scrim with additional Fluid Resistivity

2) Cosmetic Scrim

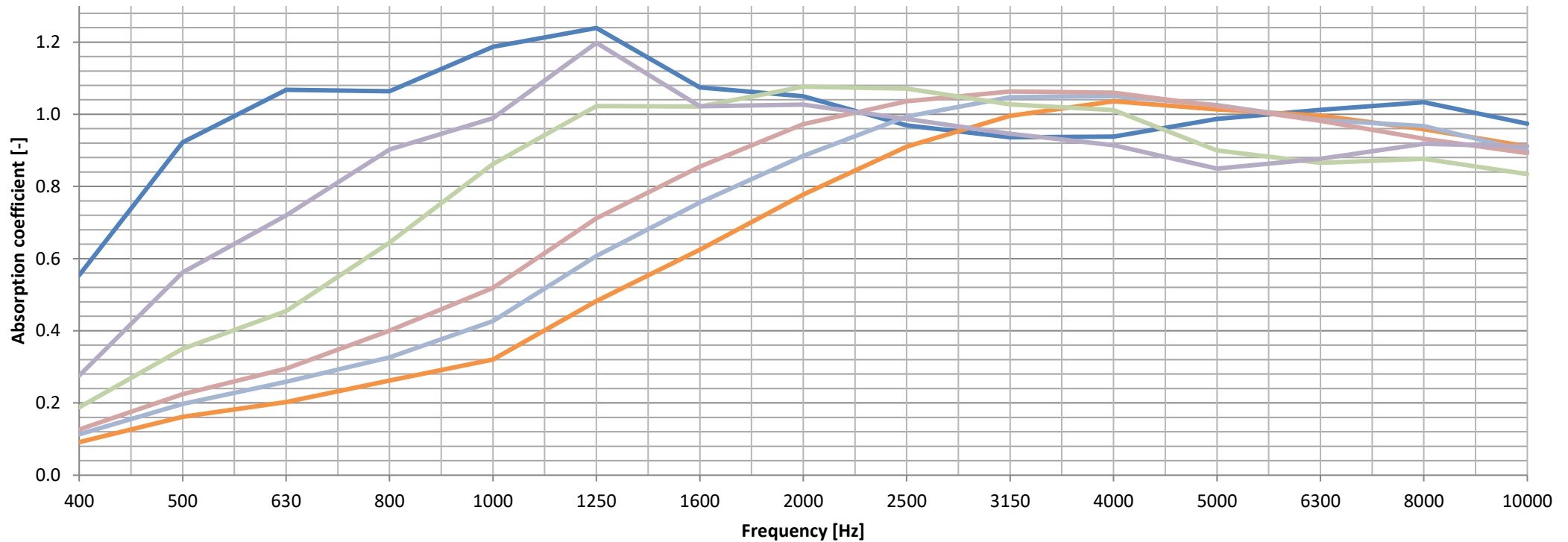
 = Click on the relevant field to open the desired file

Link to contact us for the Acoustic Portfolio summary  
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[Other 3M products for the automobile industry.](#)

## Alpha Cabin Random Incidence Sound Absorption 3M™ Thinsulate™ Acoustic Insulation

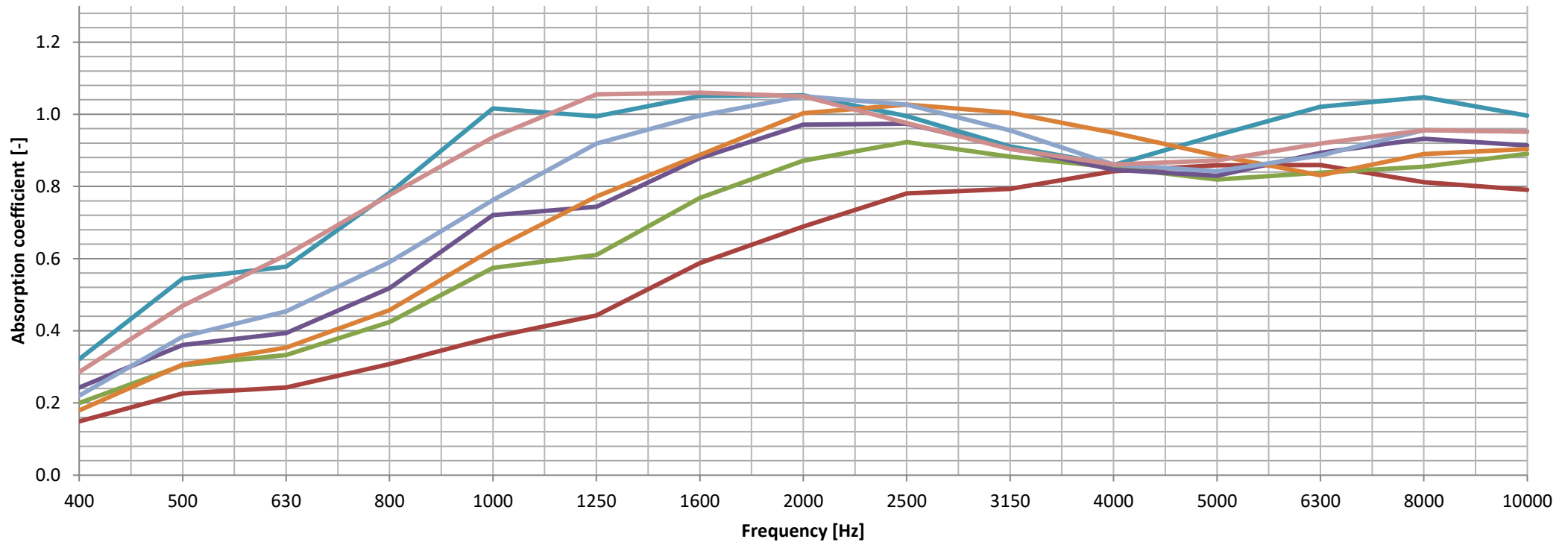
While 3M believes that the tests on which the technical information and recommendations contained herein are accurate, the data should not be relied upon. It is the responsibility of those using this data to determine the suitability of the products in question for their intended use. The user shall be fully responsible for all risks and liabilities associated with the specification and use of the products referred to. The information contained herein must not be used in promotional literature, publications or advertisements without the prior written consent of 3M.



- SM600L TDS (42 mm, 672 g/m<sup>2</sup>)
 — AU1504-6 TDS (9 mm, 190 g/m<sup>2</sup>)
 — AU1704-6 TDS (12 mm, 210 g/m<sup>2</sup>)
- AU2004-6 TDS (13 mm, 240 g/m<sup>2</sup>)
 — AU3004-6 TDS (19 mm, 340 g/m<sup>2</sup>)
 — AU4004-6 TDS (26 mm, 440 g/m<sup>2</sup>)

## Alpha Cabin Random Incidence Sound Absorption 3M™ Thinsulate™ Acoustic Insulation

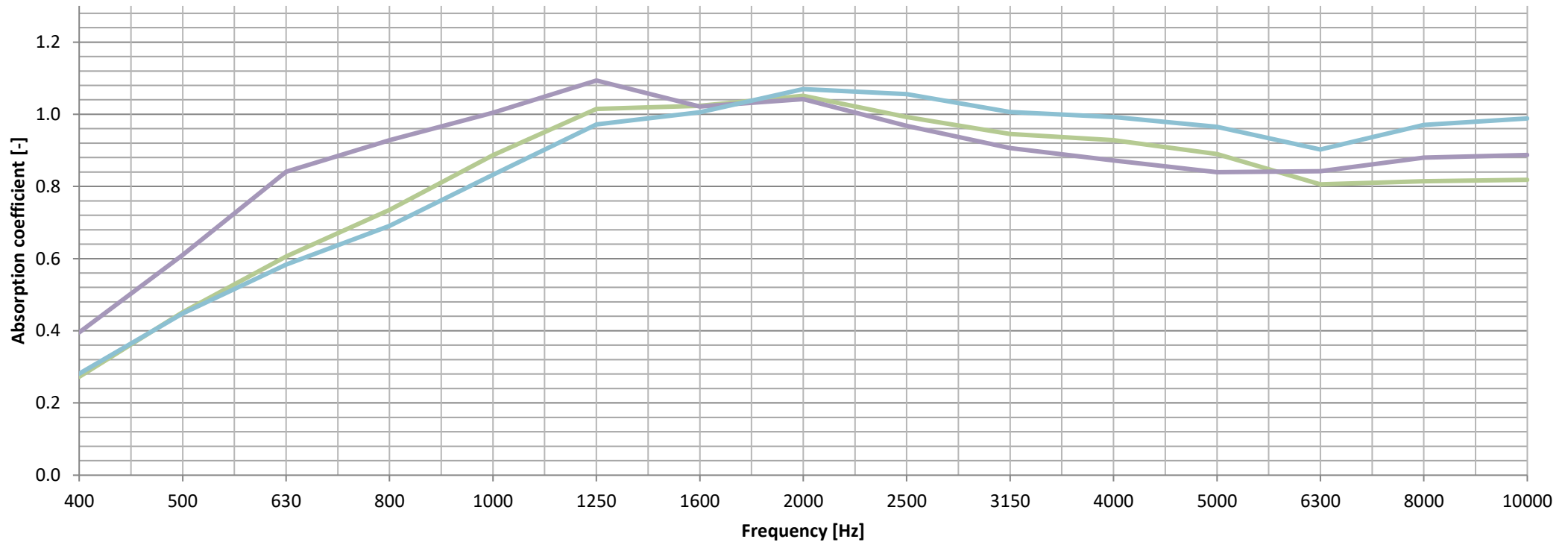
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- TC1503 TDS (16 mm, 150 g/m²)      — TC1803 TDS (21 mm, 185 g/m²)      — TC2303 TDS (27 mm, 232 g/m²)
- TC3403 TDS (41 mm, 332 g/m²)      — TF1500 TDS (16 mm, 150 g/m²)      — TF1800 TDS (21 mm, 185 g/m²)
- TF2300 TDS (27 mm, 232 g/m²)

## Alpha Cabin Random Incidence Sound Absorption 3M™ Thinsulate™ Acoustic Insulation

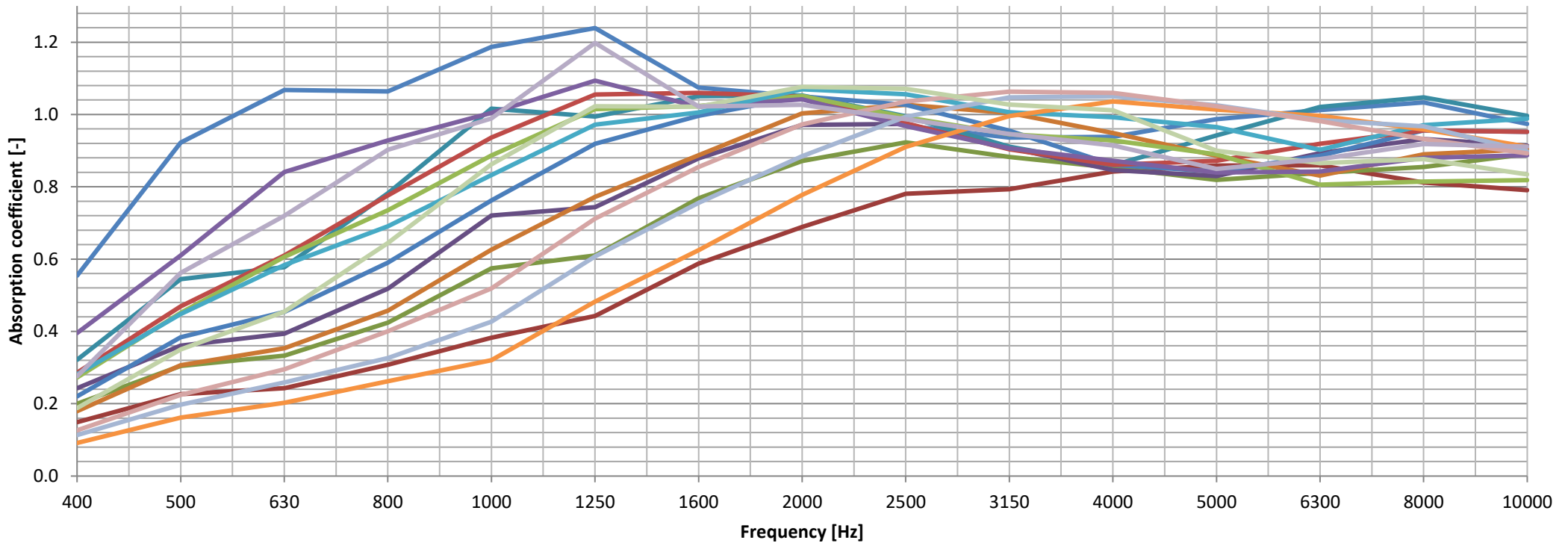
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— HT400P TDS (21 mm, 475 g/m<sup>2</sup>)    — HT500P TDS (26 mm, 575 g/m<sup>2</sup>)    — HT500C TDS (23 mm, 568 g/m<sup>2</sup>)

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- |   |   |   |
|---|---|---|
| — SM600L TDS (42 mm, 672 g/m <sup>2</sup> )   | — TC1503 TDS (16 mm, 150 g/m <sup>2</sup> )   | — TC1803 TDS (21 mm, 185 g/m <sup>2</sup> )   |
| — TC2303 TDS (27 mm, 232 g/m <sup>2</sup> )   | — TC3403 TDS (41 mm, 332 g/m <sup>2</sup> )   | — TF1500 TDS (16 mm, 150 g/m <sup>2</sup> )   |
| — TF1800 TDS (21 mm, 185 g/m <sup>2</sup> )   | — TF2300 TDS (27 mm, 232 g/m <sup>2</sup> )   | — HT400P TDS (21 mm, 475 g/m <sup>2</sup> )   |
| — HT500P TDS (26 mm, 575 g/m <sup>2</sup> )   | — HT500C TDS (23 mm, 568 g/m <sup>2</sup> )   | — AU1504-6 TDS (9 mm, 190 g/m <sup>2</sup> )  |
| — AU1704-6 TDS (12 mm, 210 g/m <sup>2</sup> ) | — AU2004-6 TDS (13 mm, 240 g/m <sup>2</sup> ) | — AU3004-6 TDS (19 mm, 340 g/m <sup>2</sup> ) |
| — AU4004-6 TDS (26 mm, 440 g/m <sup>2</sup> ) |   |   |