

Advantica® HEVAC

Pre-finished steel for heating, ventilation and air conditioning

Advantica® working with you

Advantica® from Tata Steel is a range of pre-finished steel products specifically formulated for the manufactured goods sector. The result of over 30 years' experience, the Advantica® product range can provide superior solutions to best meet your needs.

Advantica® HEVAC product range

Tata Steel manufactures pre-finished steel products that are used in the heating, ventilation and air conditioning industry, with applications that include ventilation ducts, boilers, radiators and air conditioning units. We produce flexible, waterproof products manufactured to suit both the processing requirements and end use without damaging the product.

If required, Tata Steel can provide a heat resistant pre-finished steel product specially developed for applications with high operating temperatures such as radiators.

Product description

Product	Description
Advantica® GM	Medium gloss product available with a smooth surface.
Advantica® K	Textured product with excellent scratch resistance.
Advantica® T	Textured, low or medium gloss product with good scratch resistance.
Advantica® L Decor	Laminate decorative product available in a range of printed surface effects and textures.
Advantica® SDP 35 (T)	Textured or smooth, medium gloss product with good scratch resistance.
Advantica® LG	Embossed product with enhanced robustness and durability.
Advantica® F Heat	Smooth product able to withstand continuous temperatures of 120°C.
Advantica® F Print	Smooth product suitable for silk screen printing.



Advantica® HEVAC

Advantica® HEVAC product selector

Physical properties	Advantica® GM	Advantica® K	Advantica® T	Advantica® L Decor	Advantica® SDP 35 (T)	Advantica® LG	Advantica® F Heat	Advantica® F Print
Surface appearance	Smooth	Krinkle	Textured	Textured or smooth	Textured or smooth	Embossed	Smooth	Smooth
Gloss	Medium	Medium	Low - Medium	Low	Medium	Medium	Medium	Low
Robustness	*	***	**	***	***	***	*	*
Corrosion resistance	*	*	*	(a)	**	***	*	*
Flexibility	*	**	**	(a)	***	***	*	*
UV stability	**	**	**	(a)	***	**	***	**
Heat resistance	**	**	**	(a)	**	*	***	**
Applications								
Heaters	FMR	SUP	SUP	C	SUP	NS	SUP	NS
Boilers	FMR	SUP	SUP	C	SUP	C	SUP	NS
Radiators	FMR	SUP	SUP	NS	SUP	NS	SUP	NS
Ventilation devices	FMR	SUP	SUP	SUP	SUP	SUP	FMR	NS
Ventilation channels	FMR	SUP	SUP	SUP	SUP	SUP	FMR	NS
Climate control devices	FMR	FMR	FMR	C	SUP	SUP	FMR	NS
Vending machines / commercial refrigerator	FMR	FMR	FMR	C	SUP	SUP	FMR	C
Wine cabinets	FMR	FMR	FMR	SUP	SUP	SUP	FMR	C

Notes

NS – Not suitable
 FMR – Fulfills minimum requirements
 SUP – Superior product
 C – Consult us
 (a) – Depending on the exact specification of the selected film
 * - good
 ** - very good
 *** - excellent

Product testing

All the products in the Advantica® HEVAC range are subject to rigorous test procedures to ensure that they are the right product for your end application.

MyriaPlus® Services

For any customized requirements, Tata Steel can meet your needs with shorter lead times, flexible quantities and further processing. For further information please visit www.tatasteeladvantica.com

Contact

www.tatasteeladvantica.com

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