

TECHNICAL DATA SHEET

AV305 N HT WH/BK

V2-01.16

Page 1 of 2

APPLICATIONS:

Self-adhesive film for temporary surface protection from dirt, scratches and tool marks during handling, transport and storage, forming and assembly.

Very high adhesion for CO2/Fibre LASER operation

CHARACTERISTICS	UNIT	
FILM TYPE		POLYOLEFINS
AVERAGE THICKNESS (A.F.E.R.A. 5006)	MICRON	105
COLOUR		BLACK and GREY (External side Grey)
ADHESION TYPE		RUBBER
PAL/A (A.F.E.R.A. 5001)	cN/cm	130
BREAKING STRENGTH MACHINE DIRECTION (A.F.E.R.A. 5004)	daN/cm	> 1.3
BREAKING STRENGTH TRANSVERSE DIRECTION (A.F.E.R.A. 5004)	daN/cm	> 1.1
ELONGATION AT BREAK MACHINE DIRECTION (A.F.E.R.A. 5004)	%	> 150
ELONGATION AT BREAK TRANSVERSE DIRECTION (A.F.E.R.A. 5004)	%	> 500

Outdoor Utilisation : 6 Months

Note : A.F.E.R.A. = Association of European Self-Adhesive Tape Manufacturers.



For further information, samples and a demonstration, please contact:

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For our Ireland sales manager please contact us on 07795 151814

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Page 2 of 2

Principle Uses -

Bare metals: Cold rolled stainless steel, Zinc, Aluminium, Anodized aluminium
Pre-coated metals : Polyester (PES), Polyvinylidene fluoride (PVDF), Plastisol, Skinplates Plastics : Polycarbonate (PC), Polymethyl methacrylate (Acrylic), Polyethylene terephthalate glycol (PETG), Polyvinyl chloride (PVC), Polystyrene (PS), Acrylonitrile butadiene styrene (ABS) - Styrene acrylonitrile (SAN) - Acrylonitrile styrene acrylate (ASA), Polyethylene (PE) - Polypropylene (PP)
Profiles: White PVC, PVC with a decorative sheet, Painted Aluminium, PVC boards
Decorative laminates: Standard, Metallic finish.

State of surface : Lightly structured / Semi matt, Embossed / Matt, Very rough / Very matt

LAMINATION:The protective film must be applied to a clean and dry surface with the aid of a laminating machine. The protective film can be applied manually if it had been validated before. The film must be applied without bubbles and without excessive tension.

Elongation of the film during lamination should be < 1.0%

Recommended application temperature between 15°C / 59°F and 50°C / 122°F.

STORAGE AND APPLICATION: The protective film must be stored in its original packaging, in clean, temperate conditions. The protective film should be applied within a 6 month period from the delivery date. The bare metals pieces, protected with the protective film, must not be stored or used in wet conditions. The protective film should be removed within 1 year from the date of lamination.

Avanti Tapes Ltd is fully aware of the requirements of REACH (European Regulation (EC) 1907/2006), as a downstream user of chemical substances we are working closely with our suppliers to confirm their intent to register pertinent substances used in our products. It is our objective to fully comply with REACH securing the dependable supply of our products to our customers.

We confirm that to the best of our knowledge our current products do not contain any of the substances currently listed on the Candidate List of Substances of Very High Concern (SVHC) at the issue date of this statement.

If it is determined that any of our products contain future SVHC's, notification procedures per REACH requirements will be followed, and you will be notified accordingly.

These suggestions and data are based on information we believe to be reliable and accurate, but no guarantee of their accuracy is made. AVANTI Tapes Limited shall not be liable for any damage, loss or injury, direct or consequential arising out of the use or the inability to use the product. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine whether the product is of satisfactory quality and suitability for their operations, and the user assumes all risk and liability whatsoever, in connection therewith. Please contact us for further assistance and information.



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