



self-adhesive materials

PROMOTIONAL RANGE

FILMS, PAPERS & BOARDS

TECHNICAL DATA



RITRAMA S.p.A. - Caponago site
Headquarter
and Central Logistic Centre
Via Senatore Simonetta, 24
20040 **Caponago** (MI) - ITALY
Ph. +39 02 955.459.1
Fax +39 02 955.459.01
info@ritrama.it

RITRAMA S.p.A. - Sassoferrato site
Production Centre
Polo Ind.le Berbentina
60041 **Sassoferrato** (AN) - ITALY
Ph. +39 0732 97061
Fax +39 0732 96436
info@ritrama.it

COATING RICOFIN s.r.l.
Headquarter
Digital Slitting and Logistic Centre
Via Senatore Simonetta, 24
20040 **Caponago** (MI) - ITALY
Ph. +39 02 95543.01
Fax +39 02 95543.401
info@ricofin.it

COATING RICOFIN s.r.l.
Production Centre
Via Brescia, 47/A
20063 **Cernusco sul Naviglio** (MI) - ITALY
Ph. +39 02 9239.48.1
Fax +39 02 9210.2459
info@ricofin.it

RITRAMA S.A.
Southern Production
and Distribution Centre
Avda, Castell Barberà 30
Polig. Ind. Santiga
08210 **Barberà del Valles** - SPAIN
Ph. +34 (0) 93 729.4998
Fax +34 (0) 93 729.0431
ritrama@ritrama.es

RITRAMA Inc.
North American
Roll Distribution Centre
info@ritrama.com

RITRAMA POLAND
Sales & Distribution
Ul. Przemyslowa 3
56400 **Olesnica** - POLAND
Ph. +48 (0) 71 399.2166
Fax +48 (0) 71 399.2167
biuro@ritrama.pl

RITRAMA (UK) Ltd.
Northern Production
and Distribution Centre
Lynwell Road - Lyntown Trading Estate
Eccles - Manchester M30 9QG - ENGLAND
Ph. +44 (0) 161 786.1760
Fax +44 (0) 161 786.1761
sales@ritrama.co.uk

RITRAMA S.A.
Production Centre
Av. Tupungato 3420 - Lotes 39 y 40
Parque Industrial Curauma
Valparaíso - CHILE
Ph. +56 32 2996304
Fax +56 32 2996347
info@ritrama.cl

RITRAMA UKRAINE
Sales & Distribution
Ul. Novopirogovskaya, 64-A
03045 **Kiev** - UKRAINE
Ph. +38 044 206 81 41
Fax +38 044 206 81 42
info@ritrama.com.ua

RITRAMA Inc.
Production Centre
800 Kasota Avenue Se
Minneapolis MN 55414 - U.S.A.
Ph. +1 612 378.2277
Fax +1 612 378.9327
Toll Free (800) 328-5071
info@ritrama.com

RITRAMA (Hefei)
Pressure-Sensitive Coated Materials Co. Ltd.
Production Centre
Qing Yuan Road
HEFEI Economic & Technological
Development Zone
Hefei 230601 - Anhui - CHINA
Ph. +86 (0) 551 3879 737
Fax +86 (0) 551 3879 747
info@ritrama.cn

RITRAMA MÉXICO
Sales & Distribution
Mimosas #104 Col. Santa Ma. Insurgentes
06430 **México D.F.** - MEXICO
Ph. +52 55 2630-2516
Fax +52 55 2630-2516
info@ritrama.com.mx

RITRAMA Inc.
Production Centre
341 Eddy Road
Cleveland OH 44108 - U.S.A.
Ph. +1 216 851.2300
Fax +1 216 851.1938
Toll Free (800) 362-2002
info@ritrama.com

RITRAMA AG
Sales and Distribution
Birkenstrasse 17
8962 **Bergdietikon** - SWITZERLAND
Ph. +41 (0) 44 741.12.60
Fax +44 (0) 44 741.16.25
ritrama@bluewin.ch

RITRAMA ASIA PACIFIC
Sales
Blk 148, #05-38 Rivervale Crescent
Singapore 540148
Ph. 0065-63884032
Fax 0065-63884032
michael.schwinn@ritrama.co.uk

PROMOTIONAL SERIES

Code	Description	Substance gsm	Caliper μ	Adhesive	Backing
RI-140/100	Gloss white vinyl	136	100	AP	PE kraft 150 gsm
RI-145/80*	Gloss white vinyl	110	80	AP, ANP, AHTE	Kraft 135 gsm
RI-145/100*	Gloss white vinyl	136	100	AP	Kraft 135 gsm
RI-175	Gloss white vinyl	260	200	AP	Kraft 135 gsm
RI-165*	Matt white vinyl	110	80	AP	Kraft 135 gsm
RI-205/80*	Gloss clear vinyl	104	80	AP, ANP, AHTE	Kraft 135 gsm
RI-205/100*	Gloss clear vinyl	130	100	AP, ANP, AHTE	Kraft 135 gsm
RI-275	Gloss clear vinyl	260	200	AP	Kraft 135 gsm
RI-265/80	Matt clear vinyl	110	80	AP	Kraft 135 gsm
RI-145C	Gloss coloured vinyl (different colours available)	97	70	AP	Kraft 135 gsm
RI-405 GLOSS WHITE	Gloss white phthalatefree vinyl	104	80	AP	Kraft 135 gsm
RI-405 MATT WHITE	Matt white phthalatefree vinyl	104	80	AP	Kraft 135 gsm
RI-405 GLOSS CLEAR	Gloss clear phthalatefree vinyl	104	80	AP	Kraft 135 gsm
RI-140 FLOOR-TALKER	Gloss white vinyl with grey adhesive	138	100	ASP 8A + GREY	PE kraft 150 gsm
RI-121 EMBOSSED	Embossed, scuff resistant, clear soft vinyl	260	200	ASP 8A	Glassine 90 gsm
RI-VIEW 4015	Black & white perforated PVC 40% open area	190	145	ASP 30	PE kraft 144 gsm
RI-VIEW 5020	Black & white perforated PVC 50% open area	190	145	ASP 30	PE kraft 144 gsm
RI-459	Photoluminescent vinyl film	608	450	ASP 5A	PE kraft 144 gsm
RI-950	Red fluorescent vinyl film	133	100	ASP 27	PE kraft 150 gsm

*Also available with RI-LINE (Back scoring on the liner)

RIGID VINYL

RI-100	Gloss white unplasticised vinyl	125	90	AP	PE kraft 150 gsm
RI-150	Gloss white unplasticised vinyl	265	190	AHTE	PE kraft 150 gsm
RI-300	Matt white vinyl	125	90	AP	PE kraft 150 gsm
RI-230	Gloss clear unplasticised vinyl	110	80	AP	PE kraft 150 gsm
RI-210	Bright silver vinyl	105	80	AP	PE kraft 150 gsm
RI-220	Bright gold vinyl	105	80	AP	PE kraft 150 gsm

POLYESTERS

LASER FIT CLEAR	Clear polyester with matt top coating for laser printers	52	36	AHTV	PE kraft 90 gsm
LASER FIT WHITE	White polyester with matt top coating for laser printers	70	50	AHTV	PE kraft 90 gsm
RI-600/12	Gloss clear top coated polyester	17	12	AP	PE kraft 150 gsm
RI-600/23	Gloss clear top coated polyester	32	23	AP	PE kraft 150 gsm
RI-600/36	Gloss clear top coated polyester	50	36	AP	PE kraft 150 gsm
RI-670/23	Bright silver top coated polyester	32	23	AP	PE kraft 150 gsm
RI-670/36	Bright silver top coated polyester	50	36	AP	PE kraft 150 gsm
RI-670/50	Bright silver top coated polyester	75	50	AP	PE kraft 150 gsm
RI-670/75	Bright silver top coated polyester	105	75	AP	PE kraft 150 gsm
RI-620 BRUSHED	Bright silver polyester with "brushed" finishing	70	50	ASP 8A	PE kraft 150 gsm
RI-630	Bright silver top coated polyester with security VOID pattern	50	36	AHTV	PE kraft 150 gsm
RI-650/23	Matt silver top coated polyester	32	23	AP	PE kraft 150 gsm
RI-650/36	Matt silver top coated polyester	50	36	AP	PE kraft 150 gsm
RI-680	Bright gold top coated polyester	32	23	AP	PE kraft 150 gsm
RI-610	Holographic top coated polyester (different patterns available)	70	50	AP	PE kraft 150 gsm

PROMOTIONAL SERIES

Code	Description	Substance gsm	Caliper μ	Adhesive	Backing
RI-450 WHITE	Gloss white static phthalatefree vinyl	230	180	-	Board 180 gsm
RI-450 CLEAR	Gloss clear static phthalatefree vinyl	230	180	-	Board 180 gsm
RI-450 CLEAR PHTHALATE-FREE	Gloss clear static phthalatefree vinyl	190	150	-	Board 200 gsm
RI-480	Gloss clear top coated static polyolefin film	99	110	-	Board 250 gsm

STATIC CLING FILMS

POLYPROPYLENES

RI-705/60 WHITE	Gloss white top coated polypropylene	55	60	AP - ANP	Kraft 135 gsm
RI-755/60	Gloss white cavitated polypropylene	43	60	AHTV	Kraft 135 gsm
RI-700/36	Gloss clear top coated polypropylene	33	36	AP - ANP	PE kraft 150 gsm
RI-705/60 CLEAR	Gloss clear top coated polypropylene	55	60	AP - ANP	Kraft 135 gsm

POLYESTERS-PVC

RIMAR BRIGHT SILVER	Bright silver polyester / vinyl laminate	200	270	ASP 2	PE kraft 150 gsm
RIMAR MATT SILVER	Matt silver polyester / vinyl laminate	200	270	ASP 2	PE kraft 150 gsm
RIMAR BRIGHT GOLD	Bright gold polyester / vinyl laminate	200	270	ASP 2	PE kraft 150 gsm

SOLID ALUMINIUM FOILS

RI-500 BRIGHT	Bright solid top coated aluminium foil	100	40	ASP 5	PE kraft 150 gsm
RI-500 MATT	Matt solid top coated aluminium foil	110	40	ASP 5	PE kraft 150 gsm

DOUBLE SIDED ADHESIVES

DS-PAPER 60g	Double sided adhesive coated 60 gsm paper	60	65	AHTE	Kraft 85 gsm / Kraft 85 gsm
DS-PET 12μ	Double sided adhesive coated 12μ polyester	17	12	AHTE	Kraft 135 gsm / Glassine 90 gsm

PAPERS

LITHO 70	White woodfree paper	70	92	FP 02	Kraft 85 gsm
COATED 80	White coated woodfree paper	80	65	FP 02	Kraft 85 gsm
GLOSS 80	White gloss coated woodfree paper	80	64	FP 02	Kraft 85 gsm
CAST GLOSS	White high gloss cast coated woodfree paper	80	80	FP 02	Kraft 85 gsm

BOARDS

CAST GLOSS HW	Cast gloss woodfree board	300	340	FP 02	Kraft 85 gsm
LITHO 170	White matt woodfree board	170	215	AHTE	Kraft 85 gsm
RI-BOARD	Board for postcards and promotional tags	185	200	AP - ANP	Board 220 gsm

SPECIALITIES

RI-835	Gloss white top coated polyethylene	93	95	AP	Kraft 135 gsm
RASO	Gloss white acetate satin fabric with very good opacity	120	140	AHT 4	Kraft 135 gsm
RI-1900	Ultradestructible gloss white cast vinyl	95	50	US 4	PE kraft 150 gsm
RI-1960	Ultradestructible matt white cast vinyl	95	50	US 4	PE kraft 150 gsm

To request different adhesive combinations please contact our Customer Information Service Department.

RITRAMA ADHESIVES

Adhesive new name	Adhesive	Main application	Type	Direct sunlight resistance	Temperature		Cohesion	Tack	Ultimate adhesion	Food contact approvals		Remarks
					Application minimum °C	Service °C				ISEGA	FDA	

FOR FILMIC FACE MATERIALS

AP 900	RI-AP	General purpose film/permanent	Pure acrylic	Excellent	+10	-30 +120	Very high	Medium	High		175,105	Very good clarity, general applications on most substrates like glass, ABS, PS, PVC. Not recommended for apolar substrates (PE, PP). Addition of coloured pigments and optical whitener possible.
AP 901	RI-AHTV	General purpose film/permanent	Pure acrylic	Excellent	-5	-40 +120	High	High	High	Dry and moist direct	175,105	Improved cohesion. Very good clarity, very good performance on apolar substrates (PE,PP), approved for direct contact on the skin (plasters).
AP 902	RI-AHTE	General purpose film/permanent	Pure acrylic	Good	+5	-20 +100	Medium	High	Very high		175,105	Medium clarity. Excellent performance on a wide variety of substrates including apolar (PE, PP) and slightly rough surface.
AP 905	RI-ASP 5	Film permanent	Pure acrylic	Excellent	+10	-40 + 120	Very high	High	High		175,105	Very good water, steam and temperature resistance. Very good clarity. Special use for no label look and aluminium solid foil.
AP 906	RI-ASP8A	Pharmaceutical permanent	Pure acrylic	Excellent	+10	-40 +140	Very high	Medium	Very high		175,105	Very good ultimate adhesion and excellent cohesion even at low temperatures. Not recommended on apolar surfaces (PE, PP).
AP 920	RI-ASP 2	Extra permanent	Pure acrylic	Excellent	+5	-30 + 120	Low	High	High			Extra permanent adhesive with very good adhesion on a wide variety of substrates, including PE and PP. Substitutes metal nameplates.
AP 921	RI-ASP 33	Permanent repositionable	Pure acrylic	Excellent	+10	-20 +120	Very high	Low	Very high			The adhesive is permanent repositionable with low initial tack and a very good ultimate adhesion. In case of incorrect application these characteristics allow to remove the film and reapply it on the surface, the final adhesion still remaining on a high level.
AR 801	RI-ANP	Film removable	Modified acrylic	Medium	+5	-40 +120	High	Low	Low		175,105	Improved removable adhesive with good clarity, offering clean removability from glass, laminated plastics, cross-linked enamels. Not suitable for application on papers, PVC and air dried paints and varnishes.
AR 802	RI-VMR	Film semipermanent	Modified acrylic	Good	+10	-40 +100	High	Medium	Medium		175,105	Semi-permanent adhesive which can be removed shortly after application. Used on some substrates for seal and reseal labels.

FOR PAPER FACE MATERIALS

AP 904	FP 02	Paper permanent	Modified acrylic	Good	+5	-40 +100	Medium	High	Very high	Dry and moist direct		Good adhesion on a wide variety of substrates including apolar substrates (PE, PP). Used in combination with paper face materials.
AR 805	FR 20	Paper removable	Modified acrylic	Medium	+5	-15 +100	Medium	Low	Low			Removable adhesive suitable for paper materials. Removability depending on the application surface.
AR 804	FSP 1	Paper semipermanent	Modified acrylic	Good	+10	-30 +100	High	Medium	Medium			Semi-permanent adhesive which can be removed shortly after application. Used with paper face materials.

To request different adhesive combinations please contact our Customer Information Service Department.

RITRAMA RELEASE BACKINGS

Code	Description	Substance gsm	Caliper μ	Backing
KRAFT 85	1 side silicone coated kraft	85	87	White
KRAFT 135	1 side silicone coated kraft	135	150	White
PE KRAFT 150	2 side PE coated 1 side silicone coated kraft	150	170	White
BOARD 180	1 side cast coated board	180	220	White
BOARD 250	Laminated board	250	350	White

SPECIALITIES

STEREO RANGE

A wide range of self-adhesive specifically designed for Stereo labels, which are flat labels on which a crystal resin is casted to obtain a 3D effect. The series include rigid vinyl (white, silver, holographic). Available two ranges: Promotional grade and Automotive grade.

FLOOR TALKERS

Floor Talkers have been developed for durable indoor temporary floor graphics advertising. The system uses two self-adhesive films: a white soft vinyl on which the subject is printed and an embossed scuff resistance clear vinyl for overlamination.

DIGITAL PRINT MEDIA

The series does include a wide range of media developed for large format Digital Printers (LFDP) that use solvent based, water based dye or pigmented inks.

OVERLAMINATING & MOUNTING FILMS

Premium range of self-adhesive products highly suitable for laminating and mounting photos and papers or films printed by Digital systems (Ink jet, Xeikon, Indigo offset, etc.)

SECURITY PRODUCTS

A series of materials designed for making tamper evident labels in a variety of fields, such as special counterfeiting devices, tamperproof labels, antipilferage "void" signalling among others.

RECOMMENDED STORAGE CONDITIONS

- Sheets must be kept in their original packaging until they are converted.
- Store away from sources of heat and direct sunlight.
- Warehouse ideal conditions are 22 °C ± 2 °C and 50% ± 5% of relative humidity.
- Turn the stock over using the oldest material.
- Boxes which are opened for partial use must be carefully closed again.

IMPORTANT

If the temperature and relative humidity of the warehouse and printing room are different, materials must be kept (in their original packaging) in the printing room for 24 / 48 hours for correct conditioning of the sheets.

SIZES

Standard for film and boards = 70 x 100 cm

Standard for papers* = 70 x 100 cm
50 x 100 cm

* Other sizes available on request (e.g. 45 x 64 cm, 43 x 61 cm).

Sheets will be real-wrapped and/or packed in boxes.

RI-LINE

Papers and PVC available also with RI-LINE (spacing: papers 3,8 cm and 5 cm, PVC 5 cm).

All values presented in this data sheet are typical. The information is given in good faith but without warranty. Purchasers should carefully assess the suitability of the product for their own specific application. All specifications are subject to change without prior notice.

PRODUCT USES

Vellum SC	Paper labels of general use.
Coated	Promotional labels.
Gloss	High quality and promotional labels.
Cast Gloss	High quality labels.
Matt	Matt finishing labels.
Cast Coated Cover	For covering labels on existing information or images.
RI-145	Labels and stickers with medium outdoor durability, P.O.P displays, advertising specialities.
RI-140	As for RI-145 but used where maximum dimensional stability is required.
RI-205	Window stickers.
RI-165	Advertising stickers, sometimes used for offset printing.
RI-175	Labels and stickers requiring high thickness with good ease of application.
RI-275	Labels and stickers requiring high thickness with good ease of application.
RI-145/C	Stickers, decorations, pre-cut letters.
RI-BOARD	Postcards and promotional tags.
RI-405	Phthalatefree vinyl for children toys.
RI-950/100	Short term outdoor warning signs, long term indoor sign.
RI-230	Window stickers, advertising specialities.
RI-100	High gloss stickers and marking with non shrink characteristics.
RI-150	As for RI-100 but where a high thickness is required.
RI-300	Suitable for offset printing.
RI-210	High quality metallised labels.
RI-220	High quality metallised labels.
RI-450	For promotional, protective and point of sale stickers requiring absolute removability. Games and puzzles.
RI-480 TC	For promotional, protective and point of sale stickers requiring absolute removability. Games and puzzles.
RI-600	High quality labels and stickers for indoor and outdoor applications. Labels and decorations for cycles and motorcycles.
RI-670/23	High quality marking and identification labels.
RI-670/36	High quality marking and identification labels.
RI-670/50	High quality labels with mirror effect.
RI-670/75	High quality labels with mirror effect.
BRUSHED PET	Substitute metal name plate.
RI-650	High quality labels such as labels for electric appliance.
RI-680	High quality labels and decorations.
RI-610/50	Holographic polyester. High impact promotional and fun stickers.
RASO	High quality marking labels with real cloth like sew appearance.
RIMAR	Substitutes metal nameplates with bright or matt stainless steel appearance.
RI-500	Identification and instruction labels requiring high temperature resistance. Suitable for embossing of variable data.
RI-1900	Security labels.
RI-1960	Security labels.
RI-630	Tamperproof labels.
DS PAPER	For laminating boards and other paper products, for instance making sample collections.
DS PET	For laminating and making self-adhesive non paper products, for instance membrane switches, aluminium plates etc.