

Why use Italmatic roll coverings

For over 25 years, Italmatic has been manufacturing and marketing rubber, polyurethane, ceramic and composite covers for the most different fields of application from the paper industry, to converting industry, to textile, plastics, tanning, steel and to other sectors.

Our covers are the result of continuous research and development aimed to offer to the market the best available product and above all advanced products together with a unique service.

We are able to develop specific compounds for the individual needs of our customers using only the best raw materials available on the market. Our technical department is at your complete disposal to satisfy your most sophisticated needs.

ITALMATIC ROLL COVERING MEANS:

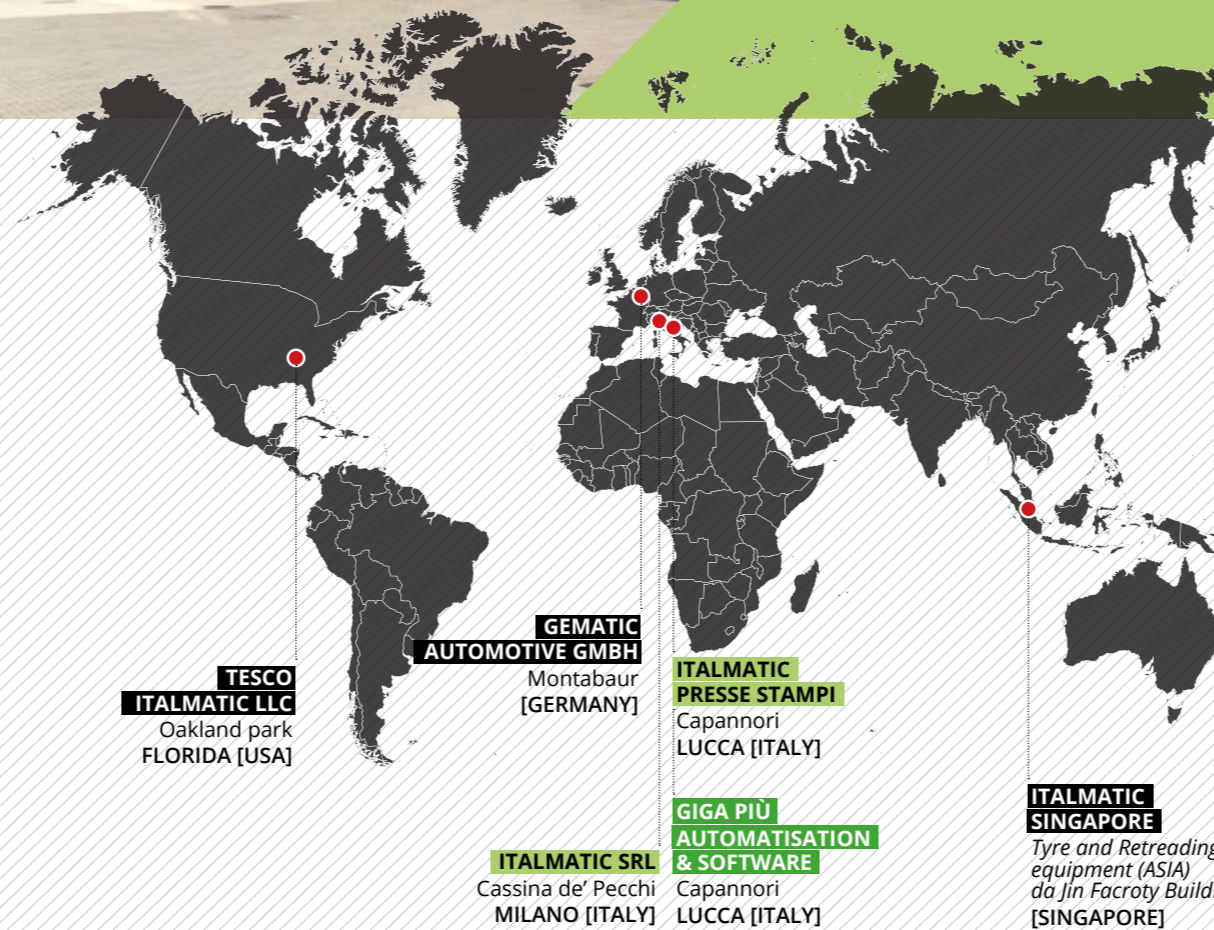
QUALITY our roll coverings are produced with the highest standards using technological advanced machinery developed by our technical department and using the best raw material available on the market.

RELIABILITY all our roll coverings before being delivered to the customer are subjected to the strictest controls according to the most used standards in the field of roll coverings. Each roll covering is accompanied if requested by the customer of his quality certificate.

SERVICE thanks to a very well organized production, we are able to guarantee the best delivery terms. Italmatic is also able to offer you a grinding service as well as mechanical assistance on your rolls.

COMPANY SERIOUSNESS a team of experts and specialists whose sole objective is the complete satisfaction of his customers has managed Italmatic since from his establishment.

AT THIS POINT, WE HOPE YOU CONTACT US FOR YOUR NEEDS THAT WE GUARANTEE WILL RECEIVE OUR BEST ATTENTION.



italmatic®

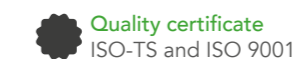
italmatic®

www.italmatic.net
info@italmatic.eu



Italmatic Presse e Stampi S.r.l.

Via Tazio Nuvolari, 38 T. +39 0583 981166
55012 Capannori LU - Italy F. +39 0583 981080



Roll coverings for paper and converting industry

Technical data sheet for paper and roll converting

Cover type	Hardness	Color
ASTERION temperature resistance up to 110° C – thickness 10 to 12 mm – outstanding improved wearing and, good chemical resistance to the product normally used in paper mill. Excellent dimensional and hardness stability. Exceptional resistance to shocks and impacts. Possibility to drill and grooving for a use in felted positions. Suitable for shoe press application.	89-91 Sh.D	light grey or light blue
CRESSWEAR temperature resistance up to 90° C – thickness 20 to 50 mm – good mechanical properties and wearing resistance. Very high elasticity modulus. Good chemical resistance to the products normally used in paper mill.	25-120 P+j	light brown
DIAMOND temperature resistance up to 90° C – thickness 5 to 12 mm – excellent resistance to abrasion and to the chemical products normally used in paper mill. Good surface quality. It's possible to use doctor blade without damaging the surface of the cover.	0-2 P&j	grey
DIAMOND S temperature resistance up to 100° C – thickness 5 to 12 mm – very hard covering for wire and felt rolls with an excellent abrasion resistance. Good chemical resistance to the product normally used in paper mill. Especially designed for doctor blade use.	0-1 P+j	black
DRILLWEAR temperature resistance up to 100° C – thickness 15 to 25 mm – Rubber covering with very high mechanical properties for drilling application. Is able to keep for long time the original drill surface profile. Excellent bonding ideal for high load application. Good chemical resistance to hydrocarbon, acids and bases.	5-60 P+j	black
DRIVEWIRE temperature resistance up to 100° C – thickness 10 up to 25 mm – High wearing resistance and good chemical properties to the product normally used in paper mill. Exceptional good friction coefficient that avoid slippage of wire with high life increase.	5-30 P+j	black
FEBOROLL temperature resistance up to 100° C – thickness 10 to 25 mm – Polyurethane cover. Excellent elastic modulus with very high resistance to cuts and tear. Superior resistance to abrasion that guaranty an excellent dimensional and hardness stability. These properties guaranty a perfect and constant distribution of the glue and coatings. Excellent chemical resistance to the product normally used in converting included perfumes.	58-70 Sh.A	yellow
GROOVEROCK temperature resistance up to 80° C – thickness 10 to 20 mm – excellent groove closure even at high load and high speed. Good resistance to abrasion and to the chemical products normally used in paper mill.	5-20 P+j	black
GROOVEROCK S temperature resistance up to 80° C – thickness 7 to 20 mm – good mechanical resistance. Easy to groove with different profiles, chevron and similar. Good chemical resistance.	5-15 P+j	black
GUIDEWEAR temperature resistance up to 80° C – thickness 10 to 20 mm – antistatic rubber cover with very good mechanical properties. Suggested for guide paper roll and drive paper roll.	30-85 P+j	black
HARDROCK temperature resistance up to 90° C – thickness 12,5 to 20 mm (standard 15 mm) – high quality cover for top press and center press. Good dimensional stability also at high temperature and high release properties. Very good chemical resistance to the product normally used in paper mill. Easy of doctoring.	0-1 P+j	brown
HARDWEAR temperature resistance up to 90° C – thickness 12,5 to 20 mm – Especially designed for size press application. Excellent thermal resistance and high abrasion resistance. Excellent and uniform paper sheet release properties.	0-1 P+j	light brown
HYPERFLEX temperature resistance up to 130° C – thickness 15 to 25 mm – double layer rubber cover technology. Very high elasticity modulus with very low hysteresis. Excellent resistance to cut and tearing. Low surface temperature. Ideal for any kind of embossing pattern.	45-70 Sh.A	Blue/Fucsia
HYPERMASTER temperature resistance up to 90° C – thickness 5 to 20 mm (suggested max 15 mm) – Polyurethane cover with very high hardness and superior mechanical resistance. Very compact surface able to keep the surface itself very clean. Excellent chemical resistance. Possibility to have double layers with different hardness.	60-72 Sh.D	white
HYPERWEAR temperature resistance up to 140° C – thickness 15 to 25 mm – Superior rubber quality cover with very high mechanical properties and excellent resistance to cut and tearing. Very high dimensional stability also at high temperature. Especially designed for backing roll and film presses.	15-80 P+j	light blue
ITALCOUCH temperature resistance up to 90° C – thickness 20 to 50 mm – rubber cover for lumbraker rolls. Excellent resistance to chemicals used in this application with good mechanical properties. High release properties with very clean surface.	50-220 P+j	black

Applications

	FORMING SECTION						PRESS SECTION						COATING/SIZE AND FILM PRESS SECTIONS					CALANDERING REEL SECTIONS					TISSUE CONVERTING								
	Thicker roll	Guide wire roll	Guide felt roll	Drive roll	Breast roll	Grooved guide felt roll	Creping press	Hard press	Soft press	Grooved press	Drill press	Soft offset press	Lumbraker press	Couch roll	Guide paper roll	Soft size press	Hard size press	Film press	Splice roll	Backing roll	Soft-calander	Supercalander	Reel spool roll	Winder roll	Winder king roll	Slitter roll	Cliché glue roll	Glue roll	Embossing roll	Married roll	
ASTERION																															
CRESSWEAR							■																								
DIAMOND		■	■		■																										
DIAMOND S		■	■																												
DRILLWEAR										■																					
DRIVEWIRE					■																										
FEBOROLL																															
GROOVEROCK										■																	■	■			
GROOVEROCK-S																															
GUIDEWEAR						■									■									■		■					
HARDROCK																	■														
HARDWEAR										■															■						
HYPERFLEX																														■	
HYPERMASTER																															■
HYPERWEAR																															
ITALCOUCH													■	■																	
ITALGLOSS																															
ITALROCK		■	■		■																										
MACHROLL																															■
MASTERCOLL																											■	■			
MASTERROLL																															■
POLYDRILL											■	■	■																		
POLYROLL																								■	■	■	■				
PRESSROLL																															■
ROLLING																								■		■					
SOFTMATE																															
SOFTPRESS																															
SOFTWEAR																■															
SUPERMASTER																															■
TENAXFLEX																															
TENAXFEX-XL																															■
ZEFIRO																															■

