



exacta splicer
EUROPEAN PATENT

IT

Nel luglio del 2017, **Groz-Beckert** ha eseguito un test di laboratorio a microscopio su Exacta Splicer, su un nodo fatto a mano e su di un'altra macchina annodatrice. **Qui di seguito i risultati mostrano la migliore prestazione della tecnologia EXACTA SPLICER.**

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In July 2017, **Groz-Beckert** has performed a microscope lab test on Exacta Splicer, on hand knot and on an other knotting machine. **Here below the results showing the better performance of the technology EXACTA SPLICER.**

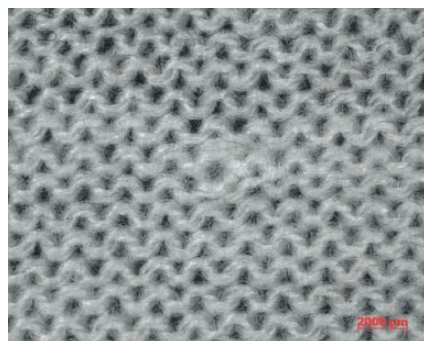
Test: Exacta Splicer

Item	Yarn count		Material		Splicer adjustment		Max. repetitions	Ok	Not Ok
1	dtex 450/14412	Continuous	100% Polyester	Without twist	Setting	7	20	15	5
2	dtex 300/72/2	Continuous	100% Polyester	Without twist	Setting	6	25	19	6
3	NM 32/2	Hochbausch	100% Polyacryl	Soft-twisted	Setting	5	30	24	6
4	NM 30/2	Fiber yarn	50% Cotton / 50% PAC	Soft-twisted	Setting	6	25	21	4
5	NM 26/2	High bulk	100% Polyacryl	Soft-twisted	Setting	7	20	17	3
6	Z 14	Bouclé	Blended yarns	Soft-twisted	Setting	5	30	28	2
7	NM 28/1	Fiber yarn	100% Cotton	Soft-twisted	Setting	2	50	48	2
8	NM 18/1	Fiber yarn	70% PAC / 30% Wool	Soft-twisted	Setting	5	30	28	2
9	NM 16/1	Fiber yarn	100% Cotton	Soft-twisted	Setting	2	50	45	5
10	NM 50/1	Fiber yarn	100% Cotton	Soft-twisted	Setting	4	40	30	10
11	NM 52/1	Fiber yarn	100% Merino wool	Soft-twisted	Setting	4	40	35	5
12	dtex 110F36/1	Continuous	100% Polyester	Without twist	Setting	4	40	35	5
13	NM 40/2	Fiber yarn	100% Cotton	Mercerized	Setting	1 to 7	Not Possible	0	0

Knitting test with marks for knots and Splicer

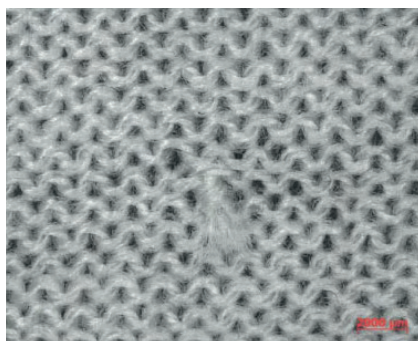
Picture	Machine	Knitting pattern	Marking
CMS 822 E 6.2 MG	N° 3	Single knit plain - single thread	Knot
CMS 822 E 6.2 MG	N° 3	Single knit plain - double thread	Weaver's knot
3 CMS 330 E 18	N° 9	Double knit rib - single thread	Splicer

Sample 1)



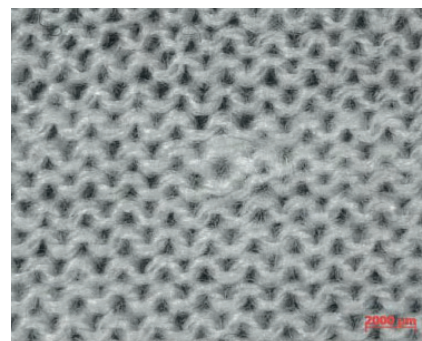
SPLICER

reverse side, direct light,
7.5 x magnification



KNOT

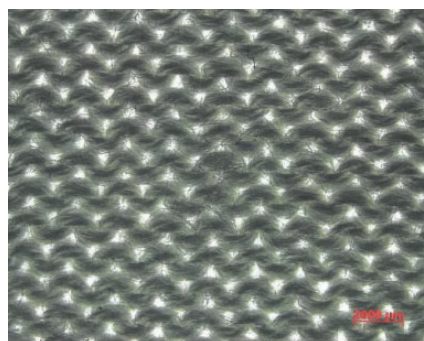
reverse side, direct light,
7.5 x magnification



WEAVER'S KNOT

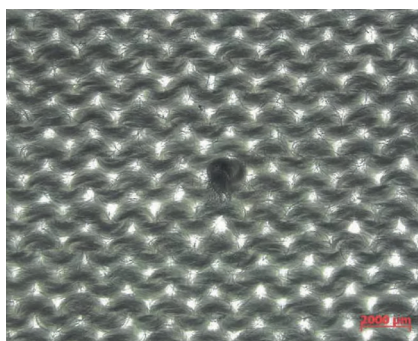
reverse side, direct light,
7.5 x magnification

Sample 2)



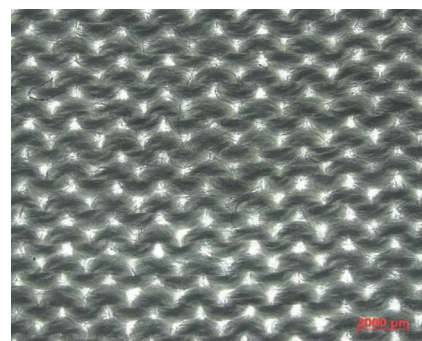
SPLICER

reverse side, transmitted light,
7.5 x magnification



KNOT

reverse side, transmitted light,
7.5 x magnification



WEAVER'S KNOT

reverse side, transmitted light,
7.5 x magnification

Sample 3)



SPLICER

fabric face, direct light,
7.5 x magnification



KNOT

fabric face, direct light,
7.5 x magnification



WEAVER'S KNOT

fabric face, direct light,
7.5 x magnification