

Worsted

Card clothing for worsted spinning

Worsted yarn is a product of long staple fiber spinning. Wool fibers are carded and then combed to produce a fine wool yarn, which is then used, for example, for high-quality woolen suits. In the carding process it is of particular importance not to damage or shorten the long wool fiber as this would lead to expensive waste.

Below you can find the Groz-Beckert standard portfolio for worsted spinning.

GROZ-BECKERT

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Licker-in wires

Product	Height (mm)	Rib thickness (mm)	Pitch (mm)	Angle	PPSI	Predecessor type
L43/600	3.00	4.00	6.00	50°	27	
L43/860	3.00	4.00	8.60	50°	19	
LR43	3.00	4.00	variable	50°	23	
L33/600	3.00	3.00	6.00	50°	36	
L33/860	3.00	3.00	8.60	50°	25	
LR33	3.00	3.00	variable	50°	31	
L2	5.00	2.50	8.60	50°	30	
VA10/VAR/50 LR33	4.70	2.54	7.00	50°	36	

Cylinder wires

Product	Height (mm)	Rib thickness (mm)	Pitch (mm)	Angle	PPSI	Predecessor type
P090/320/70+ ⁽¹⁾⁽²⁾	3.18	0.90	3.20	70°	227	504
P090/270/75+ ⁽¹⁾	3.18	0.90	2.70	75°	270	619
P090/180/70+ ⁽¹⁾	3.18	0.90	1.80	70°	407	4740

Doffer wires

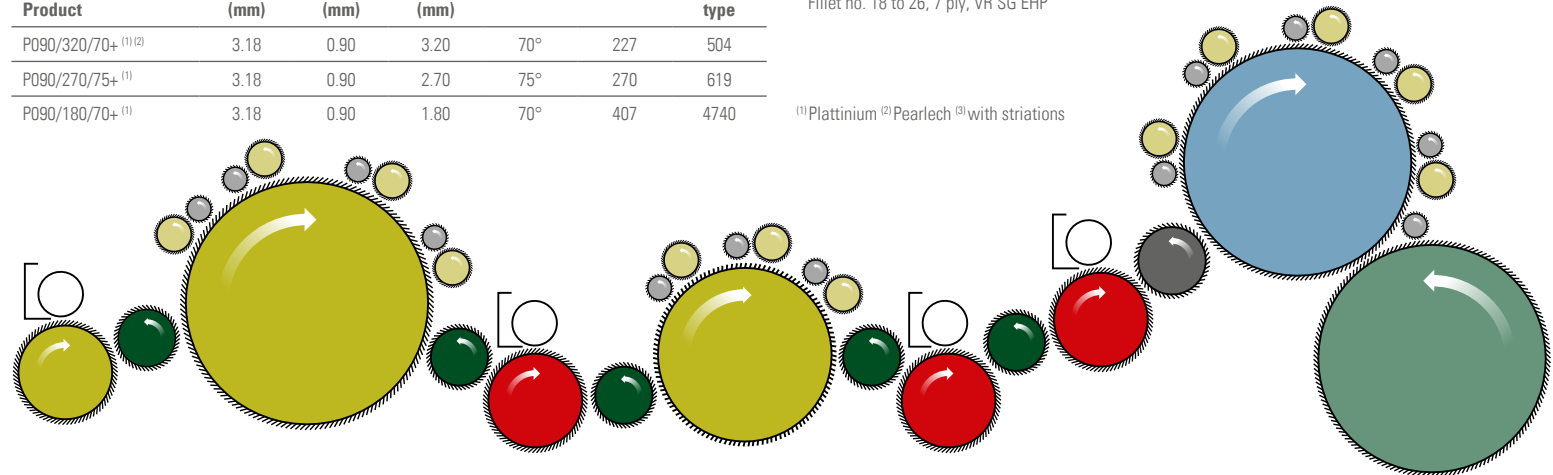
Product	Height (mm)	Rib thickness (mm)	Pitch (mm)	Angle	PPSI	Predecessor type
L10/100+ ⁽¹⁾⁽²⁾⁽³⁾	5.00	1.00	3.10	50°	208	
P095/250/55+ ⁽¹⁾⁽²⁾⁽³⁾	4.00	0.95	2.50	55°	272	PPS95
Groz-Beckert SiroLock® L10/100x SL Platinium ⁽¹⁾	5.00	1.00	3.10	50°	208	

Worker wires

Product	Height (mm)	Rib thickness (mm)	Pitch (mm)	Angle	PPSI	Predecessor type
L6/250 ⁽³⁾	5.00	2.50	4.15	50°	62	
L9S/100+ ⁽¹⁾⁽³⁾	5.00	1.00	3.00	60°	215	
VF10/400/50+ L6	4.70	2.54	4.05	50°	63	

Fillet no. 18 to 26, 7 ply, VR SG EHP

⁽¹⁾Platinium ⁽²⁾Pearlech ⁽³⁾with striations



Stripper wires

Product	Height (mm)	Rib thickness (mm)	Pitch (mm)	Angle	PPSI	Predecessor type
L6/250 (3)	5.00	2.50	4.15	50°	62	
P150/420/75+	3.18	1.50	4.25	75°	101	512
P150/410/76+	3.18	1.50	4.10	76°	105	176
L33/400	3.00	3.00	4.00	50°	54	
VF16/420/75 F4+ Platinumium ⁽¹⁾⁽²⁾	3.80	1.80	4.21	75°	96	

Fillet no. 18 to 22, 7 ply, VR SG EHP

Transfer wires

Product	Height (mm)	Rib thickness (mm)	Pitch (mm)	Angle	PPSI	Predecessor type
VF10/530/60+	4.70	2.54	5.30	60°	48	
VF12/500/60+	4.70	2.12	5.00	60°	61	

Fillet no. 20/24, 9 ply, OPCR SG EHP 51 PPSI

Fillet no. 23/27, 7 ply, OPCR SG EHP 82 PPSI

Fillet no. 23/27, 9 ply, OPCR SG EHP 82 PPSI

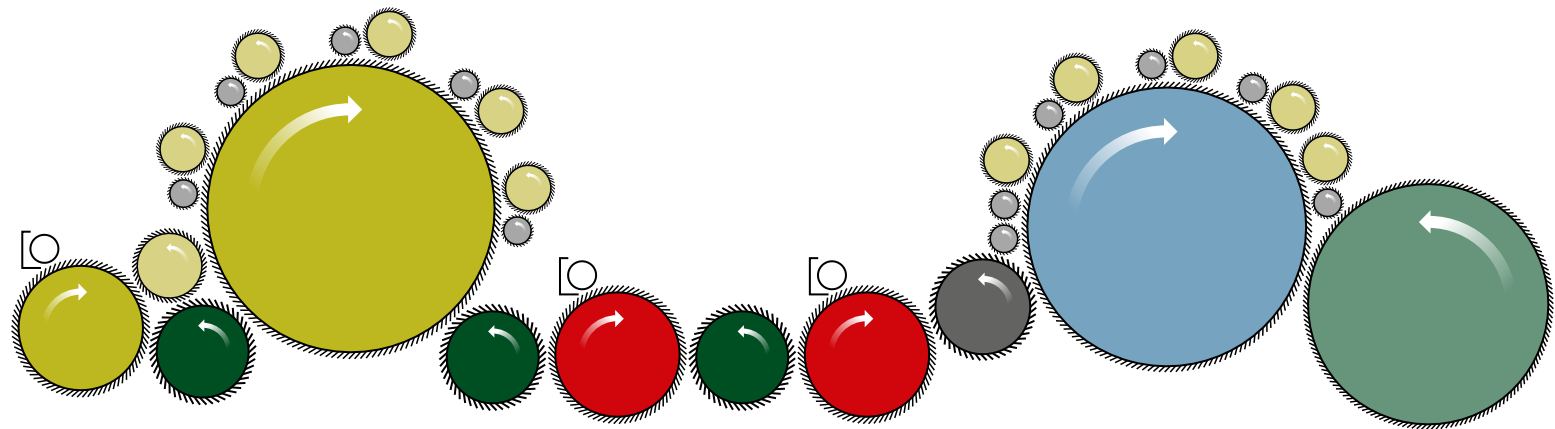
Morell wires

Product	Height (mm)	Rib thickness (mm)	Pitch (mm)	Angle	PPSI
M1655+	3.60	1.60	5.50	50°	73
M1638+	3.60	1.60	3.80	50°	106
MR160+ ⁽¹⁾	3.60	1.60	variable	50°	87
M1255+	3.60	1.20	5.50	50°	98
M1238+	3.60	1.20	3.80	50°	142
MR120+ ⁽¹⁾	3.60	1.20	variable	50°	116
M1055+ ⁽¹⁾	3.60	1.00	5.50	50°	117
M1038+	3.60	1.00	3.80	50°	170
MR100+ ⁽¹⁾	3.60	1.00	variable	50°	139
M855+ ⁽¹⁾	3.60	0.80	5.50	50°	147
M838 ⁽¹⁾	3.60	0.80	3.80	50°	212
MR80+ ⁽¹⁾	3.60	0.80	variable	50°	173

⁽¹⁾Platinumium ⁽²⁾Pearlech ⁽³⁾with striations

Brushes

Product	Width (mm)	Height (mm)
Black Tampico	35	23
	35	31
White Tampico	45	23
	45	25
	45	28
	45	31
	45	33



For specific application recommendations, please contact us at contact-nonwovens@groz-beckert.com or visit our website www.groz-beckert.com