

## Walther Flender Transport timing belts – Our coatings at a glance

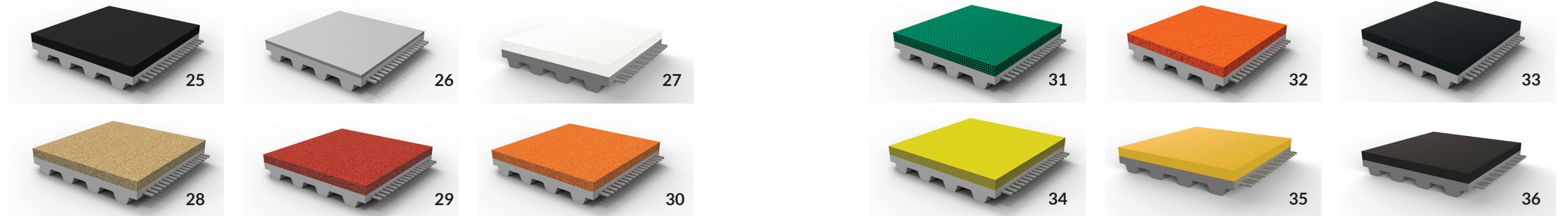


Nr.	Designation	Typical field of application	Material	Colour	Shore/A Density RG	Coefficient of static friction dry*	M-factor deflection**	Standard thickness approx.	Temperature resistance	Resistance	Editing option
1	Chrome leather	<ul style="list-style-type: none"> <li>Transport of oil and grease-soaked parts</li> <li>Sheet metal transport for punching</li> <li>Pipe transport</li> </ul>	Natural leather	Grey	n.a.	0,59	25	ca. 3	-10°C up to 120°C	against oils and fats	Contour milling and surface grinding possible
2	Novoflies	<ul style="list-style-type: none"> <li>Glass industry as transport belts in the hot area</li> <li>Packaging machines</li> <li>Accumulating belts</li> <li>Light goods to be conveyed</li> </ul>	Polyester fibre	Anthracite	n.a.	0,37	25	ca.1,5 / 2,5	-10°C up to 120°C	against simple oils and greases, electrostatic properties	Contour milling and surface grinding possible
3	Polyamide fabric	<ul style="list-style-type: none"> <li>Packaging machines</li> <li>Woodworking machines</li> <li>Accumulating conveyor / Accumulating belt</li> </ul>	Polyamide	Green	n.a.	0,30	60	ca. 0,5	-20°C up to 50°C	against simple oils and greases	not possible
4	Celloflex	<ul style="list-style-type: none"> <li>Paper industry</li> <li>Packaging machines</li> <li>Foil industry</li> <li>Labelling machines</li> <li>Pressure belt</li> </ul>	Polyurethane	Beige	RG 400	0,89	20	2,0 - 10,0	-30°C up to 80°C	against simple oils and greases, ozone	Contour grinding and milling as well as surface grinding possible
5	Sylomer - G	<ul style="list-style-type: none"> <li>Glass industry</li> <li>Labelling machines</li> <li>Packaging machines</li> <li>Pressure belt</li> </ul>	Polyurethane	Yellow	RG 160	1,19	10	12,0	-30°C up to 70°C	against simple oils and greases	Contour grinding and milling as well as surface grinding possible
6	Sylomer - R	<ul style="list-style-type: none"> <li>Glass industry</li> <li>Labelling machines</li> <li>Packaging machines</li> <li>Pressure belt</li> </ul>	Polyurethane	Blue	RG 220	1,26	15	6,0 / 12,0	-30°C up to 70°C	against simple oils and greases	Contour grinding and milling as well as surface grinding possible
7	Sylomer - L	<ul style="list-style-type: none"> <li>Glass industry</li> <li>Labelling machines</li> <li>Packaging machines</li> <li>Pressure belt</li> </ul>	Polyurethane	Green	RG 300	1,19	15	6,0 / 12,0	-30°C up to 70°C	against simple oils and fats	Contour grinding and milling as well as surface grinding possible
8	Sylomer - M	<ul style="list-style-type: none"> <li>Glass industry</li> <li>Paper industry</li> <li>Cable industry</li> <li>Draw-off belts</li> </ul>	Polyurethane	Brown	RG 400	1,48	20	6,0 / 12,0	-30°C up to 70°C	against simple oils and greases	Contour grinding and milling as well as surface grinding possible
9	Sylomer - P	<ul style="list-style-type: none"> <li>Glass industry</li> <li>Paper industry</li> <li>Cable industry</li> <li>Draw-off belts</li> </ul>	Polyurethane	Red	RG 500	1,41	25	12,0	-30°C up to 70°C	against simple oils and greases	Contour grinding and milling as well as surface grinding possible
10	PU - 85° film	<ul style="list-style-type: none"> <li>Timber industry</li> <li>Flat glass industry</li> <li>Stoneware industry</li> <li>Heavy transport</li> <li>High abrasion protection</li> </ul>	Polyurethane	Transparent	85°A	1,41	30	1,0 - 4,0	-20°C up to 80°C	against simple oils and fats	Contour grinding and milling as well as surface grinding possible
11	PU - 60° film	<ul style="list-style-type: none"> <li>Packaging technology</li> <li>glass processing,</li> <li>High abrasion protection</li> </ul>	Polyurethane	Transparent	60°A	1,33	25	2	-20°C up to 80°C	against simple oils and greases, petrol, ozone	Contour grinding and milling as well as surface grinding possible
12	PU - Longitudinal groove	<ul style="list-style-type: none"> <li>Packaging technology</li> <li>Glass processing</li> <li>Wood industry</li> </ul>	Polyurethane	Transparent	60°A	1,33	30	2	-20°C up to 80°C	against simple oils and greases	not possible



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13	PU - Yellow	<ul style="list-style-type: none"> <li>Paper industry</li> <li>Foil industry</li> <li>Labelling machines</li> <li>Pressure belt</li> <li>Take-off belts</li> </ul>	Polyurethane	Yellow	55°A	0,96	20	2,0 - 10,0	-10°C up to 70°C	against simple oils and greases, not water resistant	Contour grinding and milling as well as surface grinding possible
14	PU - Grey	<ul style="list-style-type: none"> <li>Glass industry as transport belts in the hot area</li> <li>Paper industry</li> <li>Foil industry</li> <li>Labelling machines</li> <li>Pressure belt</li> <li>Take-off belts</li> </ul>	Polyurethane	Grey	55°A	0,96	20	2,0 / 3,0	-10°C up to 70°C	against simple oils and greases, not water resistant	Contour grinding and milling as well as surface grinding possible
15	Polythane	<ul style="list-style-type: none"> <li>General materials handling</li> </ul>	Polyurethane	Nature	70°A	0,89	25	2,0 - 5,0	-20°C up to 80°C	against simple oils and greases, good against ozone and UV radiation	Contour grinding and milling as well as surface grinding possible
16	PVC - Blue	<ul style="list-style-type: none"> <li>Timber industry</li> <li>Paper industry</li> <li>Packaging machines</li> <li>Inclined conveying</li> </ul>	Polyvinyl chloride	Blue	40°A	0,96	20	1,0-1,7-3,0	-15°C up to 90°C	Limited resistance to solvents, oils and grease, resistant to acids and bases	Not possible
17	PVC - White	<ul style="list-style-type: none"> <li>Food industry</li> <li>Confectionery industry</li> <li>Paper industry</li> <li>Inclined conveying</li> </ul>	Polyvinyl chloride	White	65°A	0,89	25	ca. 1,5	-10°C up to 110°C	Limited resistance to solvents, oils and grease, resistant to acids and bases	Not possible
18	Knob White	<ul style="list-style-type: none"> <li>Food industry</li> <li>Packaging machines</li> </ul>	Polyvinyl chloride	White	65°A	0,89	20	ca. 1,8	-10°C up to 110°C	against oils and greases, as well as against acids and alkalis	Not possible
19	Herringbone - Profile	<ul style="list-style-type: none"> <li>Food industry</li> <li>Flat glass industry</li> <li>Beverage industry</li> <li>Wet conveying</li> <li>Inclined conveying</li> </ul>	Polyvinyl chloride	White	65°A	0,74 (landscape)/ 0,96 (normal)	30	ca. 3,0	-10°C up to 110°C	against oils and greases, as well as against acids and alkalis	not possible
20	Sawtooth - Profile	<ul style="list-style-type: none"> <li>Food industry</li> <li>Wet conveying</li> <li>Inclined conveying</li> </ul>	Polyvinyl chloride	White	65°A	0,74	25	ca. 3,0	-10°C up to 110°C	against oils and greases, as well as against acids and alkalis	not possible
21	Supergrip - Green	<ul style="list-style-type: none"> <li>Timber industry</li> <li>Flat glass industry</li> <li>Cardboard industry</li> <li>Inclined conveying</li> <li>Wet conveying</li> </ul>	Polyvinyl chloride	Green	40°A	1,05	20	ca. 3,5	-25°C up to 70°C	Limited resistance to solvents, oils and grease, resistant to acids and bases	not possible
22	Supergrip - White	<ul style="list-style-type: none"> <li>Cardboard boxes</li> <li>Inclined transport</li> <li>non-marking</li> </ul>	Polyvinyl chloride	White	50°A	0,81	25	ca. 3,5	-15°C up to 90°C	against oils and greases, as well as against acids and alkalis	not possible
23	Supergrip - Petrol	<ul style="list-style-type: none"> <li>Cardboard boxes</li> <li>Inclined transport</li> </ul>	Polyvinyl chloride	Petrol	40°A	k.A.	20	ca. 3,5	-15°C up to 90°C	Limited resistance to solvents, oils and grease, resistant to acids and bases	not possible
24	Supergrip - Black	<ul style="list-style-type: none"> <li>Cardboard boxes</li> <li>Inclined transport</li> </ul>	Gummi	Black	70°A	0,67	25	ca. 3,5	-20°C up to 70°C	n.a.	not possible





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25	Porol	<ul style="list-style-type: none"> <li>• Packaging machines</li> <li>• Labelling machines</li> <li>• Soft packaging</li> <li>• Roll-on belt</li> <li>• Inclined conveyor</li> </ul>	Gummi	Schwarz	RG 165	1,63	10	2,0 - 15,0	-40°C bis +75°C	gegen Wasser, Meerwasser, Methanol, Aceton, Waschmittel, Säuren und Laugen	Konturen schleifen und fräsen sowie Oberfläche schleifen möglich
26	Teflon	<ul style="list-style-type: none"> <li>• Labelling machines</li> <li>• Packaging technology</li> <li>• Transport of hot parts</li> </ul>	PTFE	Grau	k.A.	k.A.	300	0,3	-200°C bis +260°C	k.A.	nicht möglich
27	Rubber - White	<ul style="list-style-type: none"> <li>• Vacuum transport</li> <li>• Wood transport</li> <li>• non-marking</li> </ul>	Gummi	Weiss	50°A	k.A.	20	2,0 - 10,0	-30°C bis +70°C	k.A.	Konturen schleifen und fräsen sowie Oberfläche schleifen möglich
28	Correx	<ul style="list-style-type: none"> <li>• Packaging machines</li> <li>• Cable industry</li> <li>• haul-off belts</li> <li>• general materials handling</li> </ul>	Naturkautschuk	Beige	40°A	1,63	20	4,0 - 10,0	-20°C bis +80°C	gegen einfache Öle und Fette	Konturen schleifen und fräsen bedingt möglich, Oberfläche schleifen möglich
29	Linatex	<ul style="list-style-type: none"> <li>• Wood industry</li> <li>• Packaging machines</li> <li>• Bagging machines</li> <li>• Cardboard industry</li> <li>• Cable industry</li> <li>• Draw-off belts</li> </ul>	Naturkautschuk	Rot	40°A	1,26	20	1,6 - 12,0	-40°C bis +70°C	bedingt ölfest, beständig gegen Nassabrieb, wasserbeständig, direkte Sonneneinstrahlung vermeiden	Konturen schleifen und fräsen bedingt möglich, Oberfläche schleifen möglich
30	Linatrilite	<ul style="list-style-type: none"> <li>• Form fill and seal machines</li> <li>• Vacuum transport</li> </ul>	Polymer - NBR	Orange	50°A	1,19	25	2,4 - 5,0	-20°C bis +110°C	gegen Öle, Fette und andere Chemikalien, wasserbeständig	Konturen schleifen und fräsen sowie Oberfläche schleifen möglich
31	Elastomer - Green	<ul style="list-style-type: none"> <li>• Wood transport for surface treatment</li> </ul>	Gummi	Grün	60°A	0,96	25	1,0 / 2,0	k.A.	k.A.	nicht möglich
32	Sponge rubber	<ul style="list-style-type: none"> <li>• Packaging machines</li> <li>• Labelling machines</li> <li>• Soft packaging</li> <li>• Roll-on belt</li> <li>• Inclined conveyor</li> </ul>	Gummi	Orange	RG 250	1,63	10	10,0 / 15,0	k.A.	k.A.	Oberfläche schleifen möglich
33	EPDM	<ul style="list-style-type: none"> <li>• General materials handling</li> </ul>	Gummi	Schwarz	70°A	1,19	25	2,0 - 10,0	-40°C bis +100°C	k.A.	Konturen schleifen und fräsen sowie Oberfläche schleifen möglich
34	Magnetic foil	<ul style="list-style-type: none"> <li>• General materials handling</li> </ul>	Gummi / Ferrit	Braun	k.A.		100	1	-10°C bis +120°C	k.A.	nicht möglich
35	RP400	<ul style="list-style-type: none"> <li>• general materials handling</li> <li>• High wear resistance</li> </ul>	Gummi	Gelb	38°A		20	2,0-6,0	-10°C bis +120°C	bedingt ölfest, beständig gegen Nassabrieb, wasserbeständig, direkte Sonneneinstrahlung vermeiden	Konturen schleifen und fräsen bedingt möglich, Oberfläche schleifen möglich
36	Viton	<ul style="list-style-type: none"> <li>• General materials handling</li> </ul>	Gummi	Schwarz	75°A	0,74	25	3,0-5,0	-20°C bis +110°C	gegen Öle, Fette und andere Chemikalien, wasserbeständig	Konturen schleifen und fräsen sowie Oberfläche schleifen möglich

\* The stated friction values have been determined on steel in new condition. Experience has shown that the friction values can vary considerably, e.g. due to the effect of dust. The values are therefore only indicative.

\*\* Minimum diameter = standard thickness x M-factor

To select the optimum coating for your individual application and for other coatings, coating thicknesses and also special dimensions, please contact Walther Flender Application Technology.