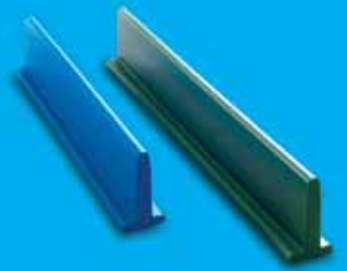


All conveyances proceed smoothly thanks to our innovative cleats and guide ropes!



Safety first is good, first in safety is better



Our PVC cleats and guide ropes are the first to demonstrably comply with all strict international food safety standards

The innovative PVC formulations by Meldon are the first in the international conveyor belt industry to comply with the strict food safety standards of the EU and FDA. Meldon furthermore works in line with the international GMP and HACCP food safety standards. As a result, our innovative standard range of cleats and guide ropes - sold under the brand name of Nutrok® - make it possible for food to be processed on conveyor belts in a highly reliable and safe manner. The superior formulation ensures trouble-free weldability.

The durability, uniform dimensioning, tear resistance and flexibility of our products are also of the highest possible standard. Moreover the possibility to trace the raw materials, additives and process used, guarantees food safety in case of contingencies. The delivery time of Nutrok® products is short and our employees are always keen to share their know-how with you.



Our high quality standards
match those of your customers



Specially designed for top performances
in the non-food industry



Our product range is complemented by innovative cleats and guide ropes that we have developed for the non-food industry under the brand name of Unitrok®. Examples include agriculture, recycling, distribution, packaging and material handling at international airports. Unitrok® has the same superior properties as Nutrok®. As a customer you are therefore guaranteed a quality that is entirely in line with the high standards your customers demand. Maximum efficiency during processing – including trouble-free weldability – is another

important plus. Your customers will furthermore benefit from the fact that the products will have an extra long life, thanks to their optimum durability, tear resistance and flexibility. The formulation used makes it possible to combine optimum life with the best possible price. The delivery time for Unitrok® products is short and our employees are always keen to share their know-how with you.



Rapidly responding to market changes

Pioneer in PVC profiles

Thirty years ago, Meldon was the first manufacturer to succeed in extruding cleats from PVC. They have been applied and prized across the globe ever since then. In addition to a comprehensive range of PVC cleats we can also offer you an equally sizeable range of guide rope profiles, such as V-guides, rectangular profiles and square profiles.

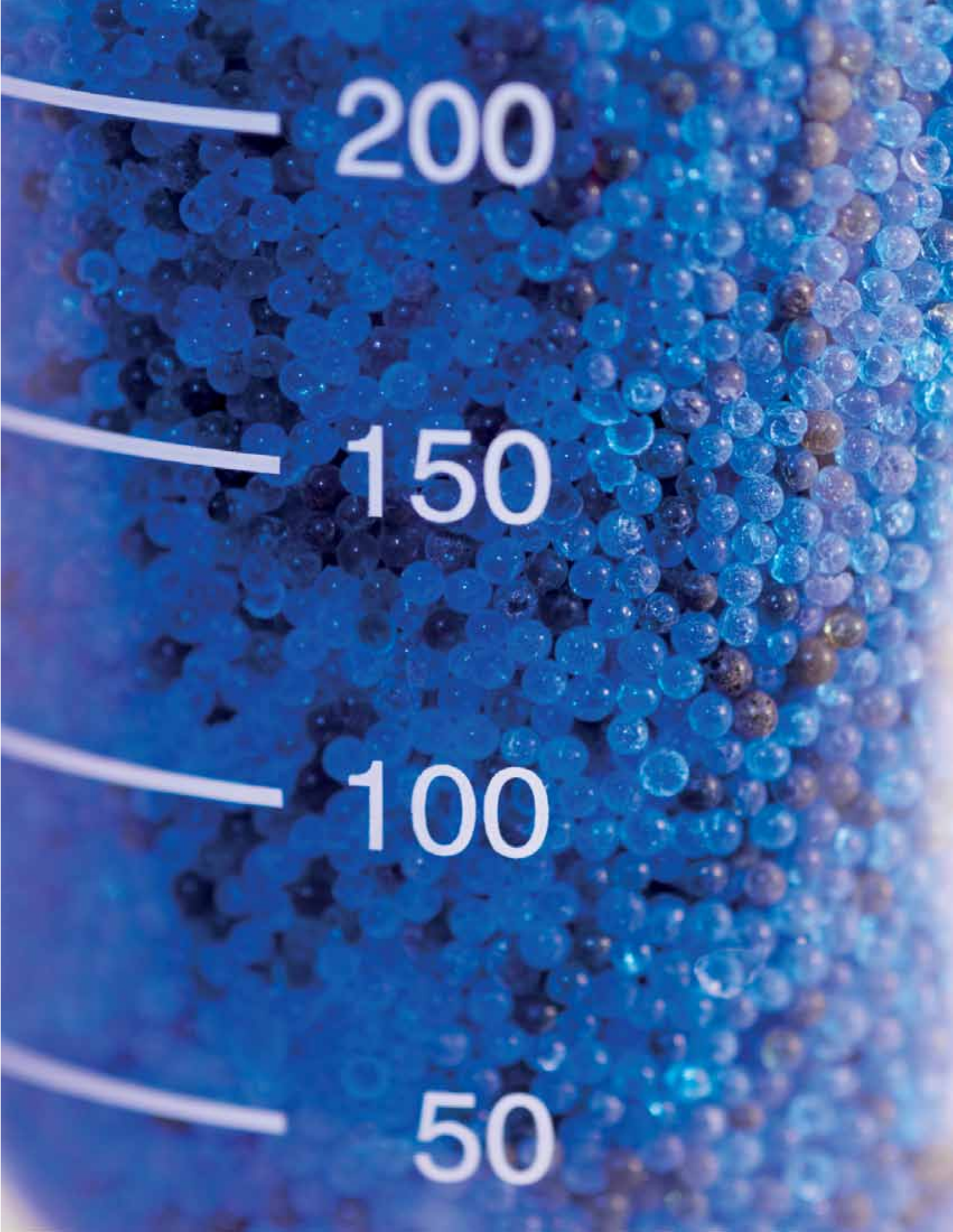
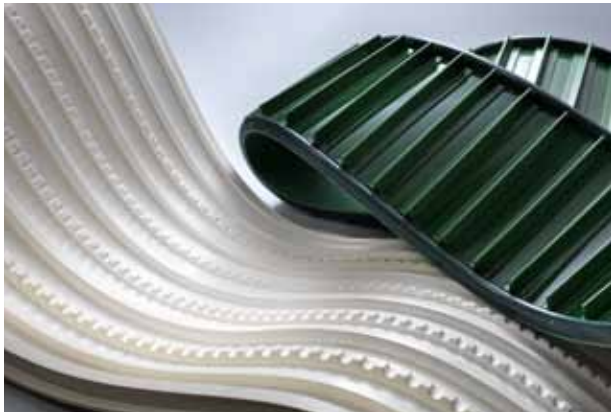
Leading formulations

Our advanced raw materials department is organised in such a way that we can fully adapt our leading formulations to your specific requirements. This may involve welding properties, colour, surface resistance, hardness, and so on. Our PVC profiles for the conveyor belt industry are frequently used

to separate and sort products. The positioning of products on conveyor belts is also a typical application, in particular in the agricultural, food, packaging and paper industry.

Quickly responding to market changes

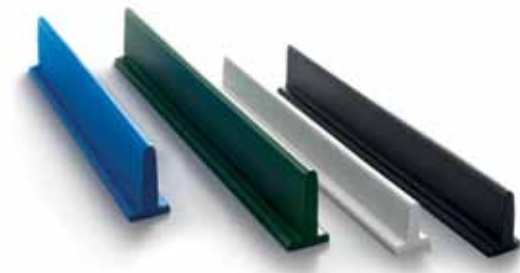
We have been supplying our PVC profiles to leading conveyor belt manufacturers for decades. Thanks to the intensive collaboration with our long-term customers and, in particular, thanks to the regular talks we have with manufacturing specialists, we are always aware of the latest trends and developments. This enables us to quickly respond to changes and new demands in the market. It also makes us stand out from other suppliers.



Nutrok® and Unitrok® PR cleats

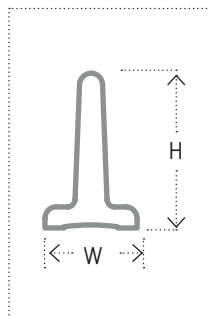
PR series

straight design



This traditional variant - which is still being applied very successfully across the globe - combines a robust profile shape with optimum shore hardness. These properties make the cleat extremely stable and flexible, thus guaranteeing a long life.

MODEL/TYPE	RAW MATERIAL	NUTROK®		UNITROK®		LENGTH MM	HARDNESS (SHORE-A)	HEIGHT MM	WIDTH MM
PR-20	PVC	○	●	●	●	2.000	60/55	20	20
PR-30	PVC	○	●	●	●	2.000	60/55	30	24
PR-40	PVC	○	●	●	●	2.000	60/55	40	24
PR-50	PVC	○	●	●	●	2.000	60/55	50	26
PR-60	PVC	○	●	●	●	2.000	60	60	26
PR-70	PVC	○	●	●	●	2.000	60	70	30
PR-75	PVC	○	●	●	●	2.000	60	75	32
PR-100	PVC	○	●	●	●	2.000	60	100	44



Dimensions and tolerance according to DIN 16941
Slight weight deviations may occur between colours



- Meets the strictest food safety standards
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- High flexibility

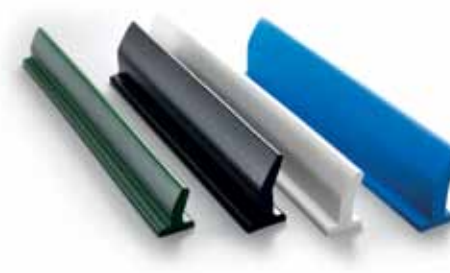


- Universally applicable
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- Top flexibility

Nutrok® and Unitrok® PR-K cleats

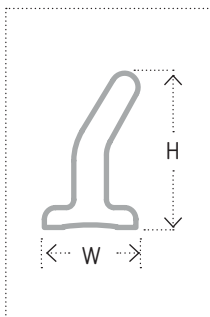
PR-K series

angled design



In comparison with the straight profile variant, the angled version makes it possible to convey a higher volume of materials. This variant is furthermore extremely suitable to convey materials at an angle. In this design too, the geometry and shore-hardness guarantee stability and flexibility.

MODEL/TYPE	RAW MATERIAL	NUTROK®		UNITROK®		LENGTH MM	HARDNESS (SHORE-A)	HEIGHT MM	WIDTH MM
PR-K-30	PVC	○	●	●	●	2.000	60/55	30	24
PR-K-40	PVC	○	●	●	●	2.000	60/55	40	24
PR-K-50	PVC	○	●	●	●	2.000	60/55	50	26
PR-K-60	PVC	○	●	●	●	2.000	60	60	26
PR-K-75	PVC	○	●	●	●	2.000	60	75	32
PR-K-100	PVC	○	●	●	●	2.000	60	100	44



Dimensions and tolerance according to DIN 16941
Slight weight deviations may occur between colours



- Meets the strictest food safety standards
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- High flexibility

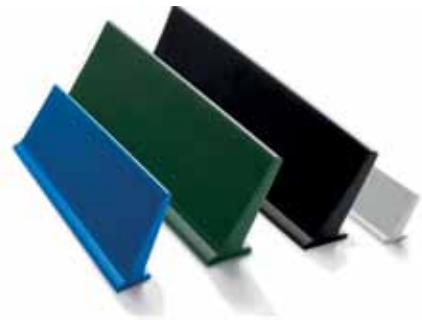


- Universally applicable
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- Top flexibility

Nutrok® and Unitrok® TS-A cleats

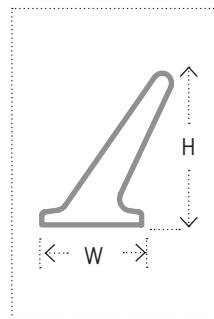
TS-A series

inclined design



The narrow 'foot geometry' of the TS-A cleats ensures that this series guarantees optimum flexibility. Thanks to the very precise tolerances with which these cleats are manufactured, this series is eminently suitable for high-frequency welding. The unique design ensures trouble-free conveyance of both packaged goods and bulk goods at the desired height.

MODEL/TYPE	RAW MATERIAL	NUTROK®		UNITROK®		LENGTH MM	HARDNESS (SHORE-A)	HEIGHT MM	WIDTH MM
TSA-30	PVC	○	●	●	●	3.000	60	30	24,5
TSA-40	PVC	○	●	●	●	3.000	60	40	26
TSA-50	PVC	○	●	●	●	3.000	60	50	27,5
TSA-60	PVC	○	●	●	●	3.000	60	60	29
TSA-75	PVC	○	●	●	●	3.000	60	75	30



Dimensions and tolerance according to DIN 16941
Slight weight deviations may occur between colours



- Meets the strictest food safety standards
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- High flexibility

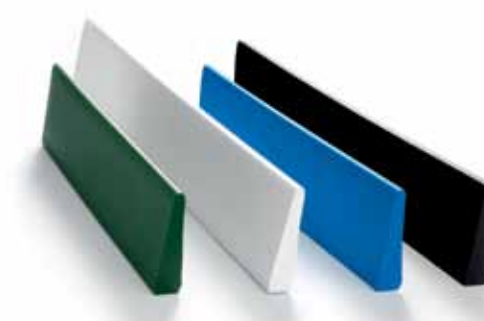


- Universally applicable
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- Top flexibility

Nutrok® and Unitrok® FL cleats

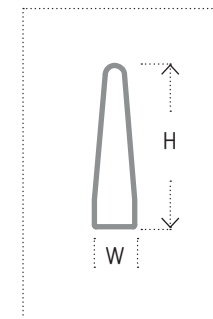
FL series

straight design



The baseless cleat has the same functional benefits as a traditional cleat. As a result of its special shape it is however extremely suitable for conveyors with small drum diameters. Thanks to its unique geometric design good adhesion to the conveyor surface is guaranteed. At the same time the design gives it a modern look. Footless cleats are furthermore easier to clean than traditional cleats, which results in better hygiene.

MODEL/TYPE	RAW MATERIAL	NUTROK®		UNITROK®		LENGTH MM	HARDNESS (SHORE-A)	HEIGHT MM	WIDTH MM
FL-30	PVC	○	●	●	●	3.000	60	30	10,5
FL-40	PVC	○	●	●	●	3.000	60	40	12,5
FL-50	PVC	○	●	●	●	3.000	60	50	13
FL-60	PVC	○	●	●	●	3.000	60	60	14
FL-70	PVC	○	●	●	●	3.000	60	70	15
FL-75	PVC	○	●	●	●	3.000	60	75	15



Dimensions and tolerance according to DIN 16941
Slight weight deviations may occur between colours



- Meets the strictest food safety standards
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- High flexibility



- Universally applicable
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- Top flexibility

Nutrok® and Unitrok® PVC guide ropes

Guide ropes



Meldon makes a comprehensive range of V-guides, rectangular and square profiles. The profiles, which are available in a standard and a notched variant, are made from the very best PVC formulations. Please do not hesitate to contact us for deviating variants - other than those shown here.

MODEL/TYPE	RAW MATERIAL	NUTROK®		UNITROK®		FORMAT M	HARDNESS (SHORE-A)	SPECIAL HARDNESS (SHORE-A)
V-guide 6 x 4 mm	PVC	○	●	●	●	250	60/55	-
V-guide 8 x 5 mm	PVC	○	●	●	●	250	60/55	-
V-guide 10 x 6 mm	PVC	○	●	●	●	250	60/55	-
V-guide 13 x 8 mm	PVC	○	●	●	●	125	60/55	-
V-guide 15 x 8 mm	PVC	○	●	●	●	125	60/55	-
V-guide 17 x 11 mm	PVC	○	●	●	●	125	60	-
V-guide 22 x 14 mm	PVC	○	●	●	●	75	60	-
V-guide 30 x 16 mm	PVC	○	●	●	●	50	60	-
Square 10 x 10 mm	PVC	○	●	●	●	100	60/55	50
Square 15 x 15 mm	PVC	○	●	●	●	100	60/55	50
Rectangular 20 x 15 mm	PVC	○	●	●	●	75	60/55	50
V-guide, notched 8 x 5 mm	PVC	○	●	●	●	250	60/55	-
V-guide, notched 10 x 6 mm	PVC	○	●	●	●	250	60/55	-
V-guide, notched 13 x 8 mm	PVC	○	●	●	●	125	60/55	-
V-guide, notched 15 x 8 mm	PVC	○	●	●	●	125	60/55	-
V-guide, notched 17 x 11 mm	PVC	○	●	●	●	125	60/55	-
V-guide, notched 22 x 14 mm	PVC	○	●	●	●	75	60/55	-
Rectangular, notched 20 x 15 mm	PVC	○	●	●	●	75	60/55	-

NUTROK®
BY MELDON

- Meets the strictest food safety standards
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- High flexibility

UNITROK®
BY MELDON

- Universally applicable
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- Top flexibility

Leading in TPU

Our TPU formulations (in which the best TPU raw materials are used) quickly find their way to numerous conveyor belt manufacturers across the globe. On the one hand because these formulations – in addition to having optimum weldability – also guarantee excellent homogeneity between the TPU profiles and the conveyor belt material. On the other hand the colour of the profiles seamlessly fits in with the most popular conveyor belt materials in the market.

Benefits for the conveyor belt industry

TPU has specific benefits for use in the conveyor belt industry. These include high durability, tear resistance and impact-resistance. All these properties ensure a long life and guaranteed quality, even if the conveyor is heavily and intensively used. This is the reason they are being used in for instance the recycling industry.

Excellent temperature resistance

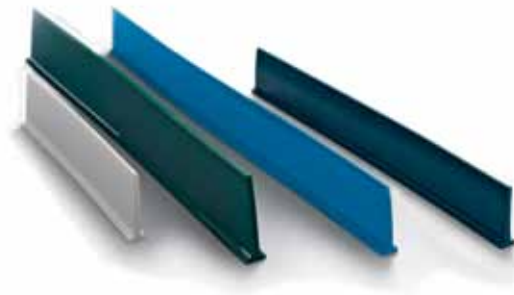
TPU remains flexible at all times, including at temperatures far below freezing. This excellent temperature resistance is one of the main reasons why TPU profiles are being applied across the globe. Thanks to its excellent oil and grease resistance, TPU is highly suitable for applications in the food industry, at meat processing plants and in industrial bakeries. We supply a very wide range of TPU profiles and constantly adapt these to the latest developments and requirements in the market.



Nutrok® UR cleats

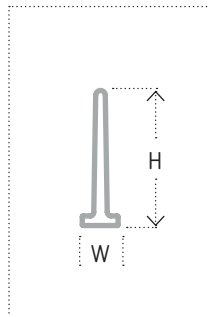
UR series

straight design



The standard Meldon range of TPU cleats has been developed in direct consultation with our customers. Thanks to its narrow base the cleat can be successfully applied in small drum diameters. The geometry of the profiles is such that only minimal adjustments need to be made to the applied welding tools to rapidly weld all profile dimensions.

MODEL/TYPE	RAW MATERIAL	NUTROK®				LENGTH MM	HARDNESS (SHORE-A)	HEIGHT MM	WIDTH MM
UR-20	TPU	○	●	●	●	3.000	85	20	8
UR-25	TPU	○	●	●	●	3.000	85	25	8,5
UR-30	TPU	○	●	●	●	3.000	85	30	9
UR-35	TPU	○	●	●	●	3.000	85	35	9
UR-40	TPU	○	●	●	●	3.000	85	40	9,5
UR-50	TPU	○	●	●	●	3.000	85	50	10
UR-60	TPU	○	●	●	●	3.000	85	60	10,3



Dimensions and tolerance according to DIN 16941

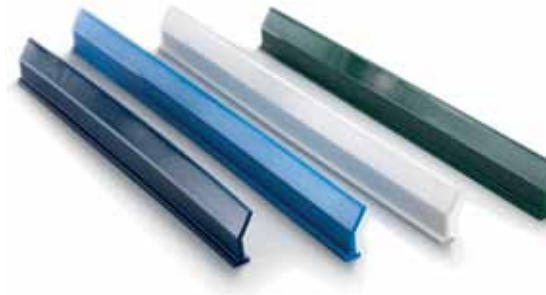


- Meets the strictest food safety standards
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- High flexibility

Nutrok® UR-K cleats

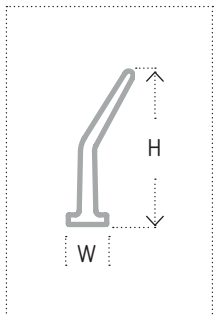
UR-K series

angled design



Compared to the straight profile variant, the angled version makes it possible to convey a higher volume of materials. This variant is furthermore highly suitable for transport at an angle. The geometry of these profiles is also such that only minimal adjustments need to be made to the welding tools needed to be able to quickly weld all profile dimensions.

MODEL/TYPE	RAW MATERIAL	NUTROK®				LENGTH MM	HARDNESS (SHORE-A)	HEIGHT MM	WIDTH MM
UR-K 30	TPU	○	●	●	●	3.000	85	30	8,5
UR-K 40	TPU	○	●	●	●	3.000	85	40	9,9



Dimensions and tolerance according to DIN 16941



- Meets the strictest food safety standards
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- High flexibility

Nutrok® TPU Sidewalls

Sidewalls



Our TPU sidewalls are characterized by a special surface which ensures that dirt pick-up is kept to a minimum and hygiene is optimized. Moreover these sidewalls make it possible to perform delicate work. Thanks to the accurate dimensioning and stable wall thickness a minimum amount of cutting loss is guaranteed.

MODEL TYPE	RAW MATERIAL	NUTROK®	FORMAT M	HARDNESS (SHORE-A)
Sidewall 110 x 2 mm	TPU	○ ● ● ●	50	85



- Meets the strictest food safety standards
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- High flexibility

Unitrok® TPU V-guides

Guide ropes



Guide ropes for use on conveyor belts should be resistant to wear, flexible as well as medium resistant. The material TPU optimally meets all of these requirements and is therefore suitable for a wide range of applications.

MODEL TYPE	RAW MATERIAL	UNITROK®	FORMAT M	HARDNESS (SHORE-A)
V-guide 6 x 4 mm	TPU	○ ●	250	85/60
V-guide 8 x 5 mm	TPU	○ ●	250	85/60
V-guide 10 x 6 mm	TPU	○ ●	250	85/60
V-guide 13 x 8 mm	TPU	○ ●	125	85/60
V-guide 15 x 8 mm	TPU	○ ●	125	85/60
V-guide 17 x 11 mm	TPU	○ ●	125	85/60
V-guide 22 x 14 mm	TPU	○ ●	125	85/60

Colour white can be supplied in 85-Shore-A. Colour transparent can be supplied in 60-Shore
 Dimensions and tolerance according to DIN 16941
 Slight weight deviations may occur between colours



- Universally applicable
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- Top flexibility

Unitrok® TPU round belt profiles

Round belts



TPU round belt profiles by Meldon stand out because of their resistance to stretching and wear, their excellent flexibility and weldability. Meldon's top quality manufacturing process guarantees a constant quality and the required properties of the round belt. Small tolerances ensure that the transmission of the rotations is constant. TPU round belts are available in RAL colour code 6005.

MODEL/TYPE	RAW MATERIAL	UNITROK®	DIAMETER MM	HARDNESS (SHORE-A)
Round belt	TPU	●	2	88
Round belt	TPU	●	3	88
Round belt	TPU	●	4	88
Round belt	TPU	●	5	88
Round belt	TPU	●	6	88
Round belt	TPU	●	7	88
Round belt	TPU	●	8	88
Round belt	TPU	●	9	88
Round belt	TPU	●	10	88
Round belt	TPU	●	12	88
Round belt	TPU	●	15	88

Dimensions and tolerance according to DIN 16941.
Additional colours and format available on request.



- Universally applicable
- Trouble-free weldability
- Long life, good durability
- High tear resistance
- Top flexibility

Nutrok® and Unitrok® by Meldon: unique performance

Meldon's success started many years ago. In 1949 to be precise. We have been extruding top quality profiles ever since then. We have changed our product range in the last thirty years and extended it on the basis of new developments taking place in the market. This also applies for our sizeable range of profiles for various applications in the conveyor belt industry.

The performance of these conveyor belt profiles very much depends on the design, uniform dimensioning and synthetic material we select for our customers. Nutrok® and Unitrok® are our new generation of cleats and guide ropes. Both brands stand for unique performance.



Top quality
For the manufacture of our raw materials we use an advanced blending machine, which guarantees the reproducibility of our top quality formulations at all times. Our profile-specific manufacturing lines and sizeable ISO certified quality management system ensure that our products are of the highest standard.

Attention for crucial criteria
To safeguard that quality, we constantly focus our attention on crucial criteria such as resistance to wear, tear resistance and oil & grease resistance as well as the hardness and temperature reach of our profiles. Excellent weldability is also extremely important. To this end we ensure the composition of the formulations is balanced. This ensures optimum processing of our profiles. Irrespective of whether it involves hot air, high frequency or infra red welding.

Available from stock

The conveyor belt industry is characterized by short response and delivery times. To meet these demands, Meldon has an extensive warehouse. An advanced ERP system ensures that we have good insight into our complete stock of conveyor belt profiles at all times. Nutrok® and Unitrok® products are ISPN packed, which instantly makes them suitable for shipment to anywhere in the world.

Quick response
By carefully organising the various activities we are involved in, the products are manufactured on time and our stock is constantly up-to-date. This enables us to respond quickly to any demands from a dynamic market. Moreover, because we are in constant dialogue with our customers, we are able to quickly meet their logistic requirements. Meldon is always open to suggestions. A high degree of service and flexibility are a standard part of our service.



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Please do not hesitate to contact us if our standard products do not meet your specific requirements. We can also be your partner for customized products with precision applications. We have our own product development department, comprehensive raw material processing abilities as well as our own tool making shop, which means that we are in a unique position to help you innovate.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may effect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. (09/2013)