

# WEAVE**in Motion**

transport processing solution

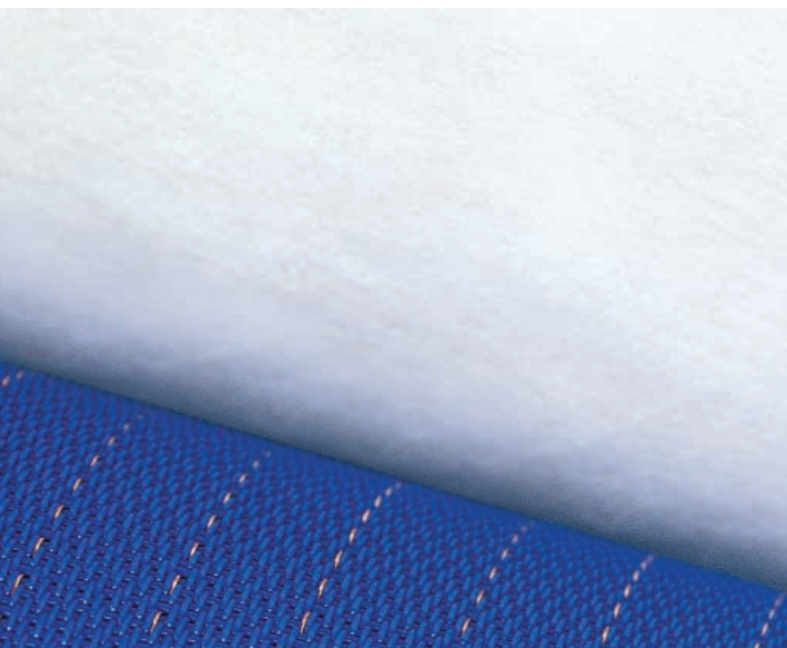
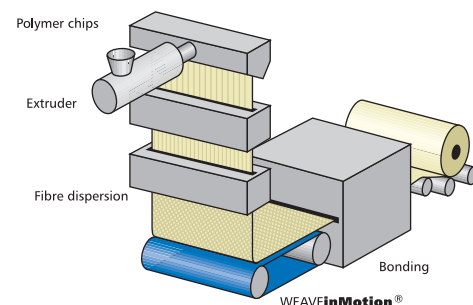
Process Belts **Nonwovens**



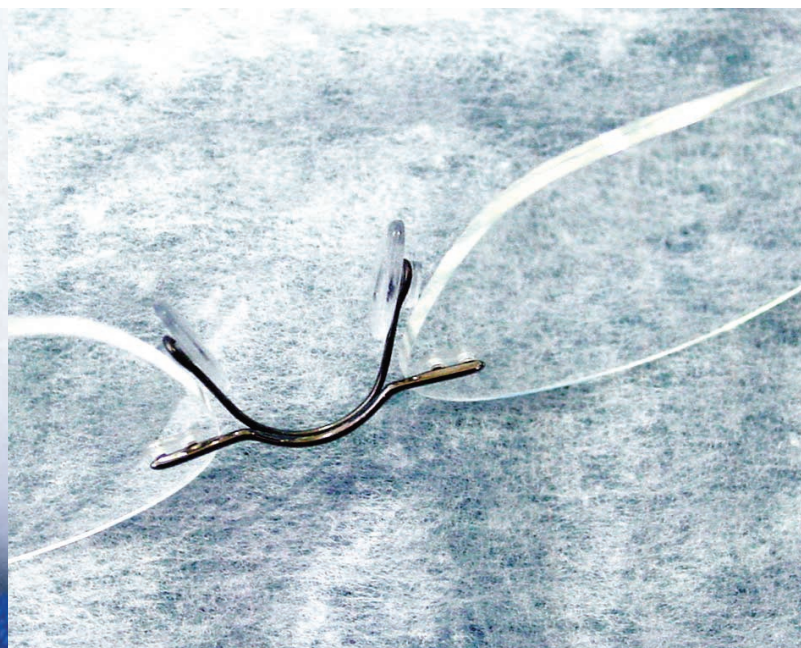
WORLD WIDE WEAVE



## Spunlaid



Double-layer CONDUCTO® Type 76  
Safe grounding: bronze warp wires

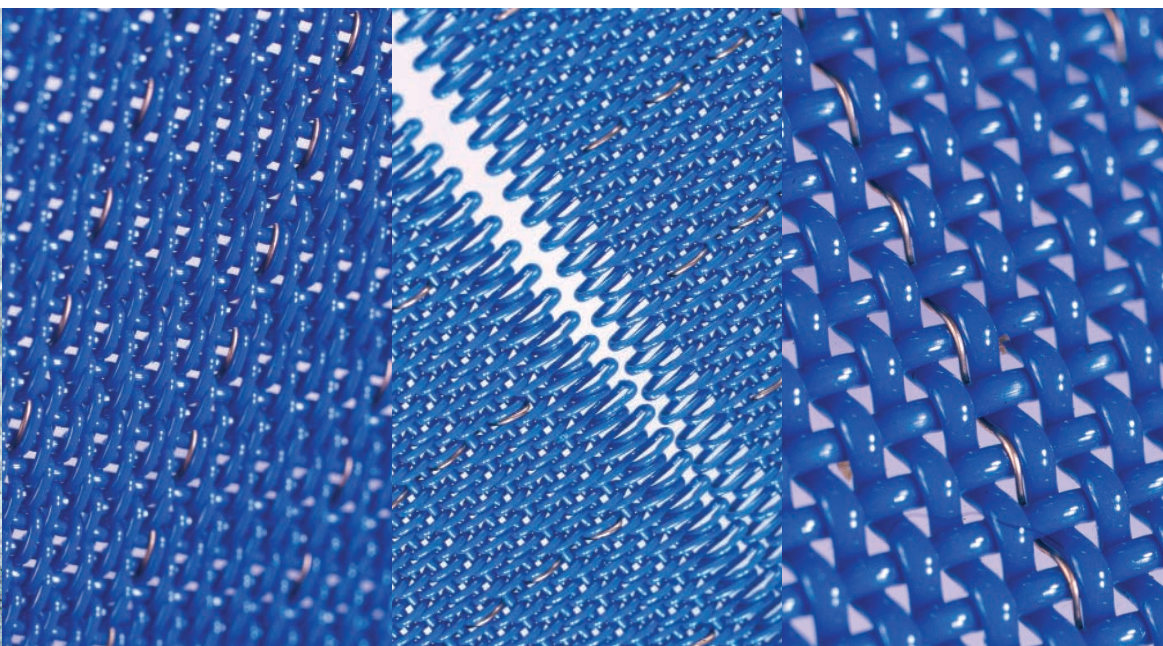


Nonwovens produced on CONDUCTO® 76

## CONDUCTO® – visible **security** **complete thanks to bronze warp wires**

Electrostatic charging during the production process is the No. 1 production and safety risk for the nonwovens industry. Thanks to the bronze wires woven in the running direction throughout the polyester mesh, CONDUCTO® guarantees continuous grounding during nonwovens production – without limits and with consistently high efficiency. Three different types of process-specific belts are available: Type 22 – single-layer in twill weave 2:2, Type 76 – double-layer or Type 11 – single-layer in plain weave.

Smooth surface and non-marking pin seams are the advantages of the double-layer structure of the Type CONDUCTO® 76 with bronze wires on the underside of the mesh for high quality forming of nonwovens.



*CONDUCTO® single-layer Type 22*

*Double loop seam in single-layer  
CONDUCTO® Type 22*

*CONDUCTO® Type 11 linear screen*



*Wipes produced on CONDUCTO®*

**ATEX 95**    
**II 3G cb IIB T4 und 3D T135°C**  
 -10°C < Ta < 100°C

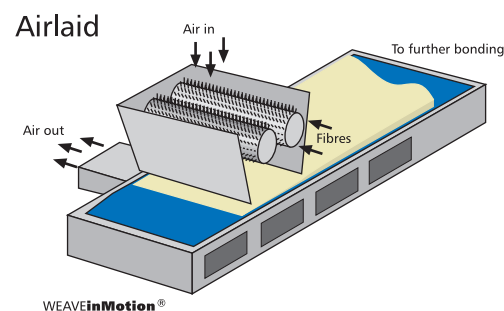
The single-layer Type 22 with non-marking pin seam has proven its value as a laydown belt.

Type 11 with interwoven seam is used successfully as a linear screen, especially in the drylaid process.

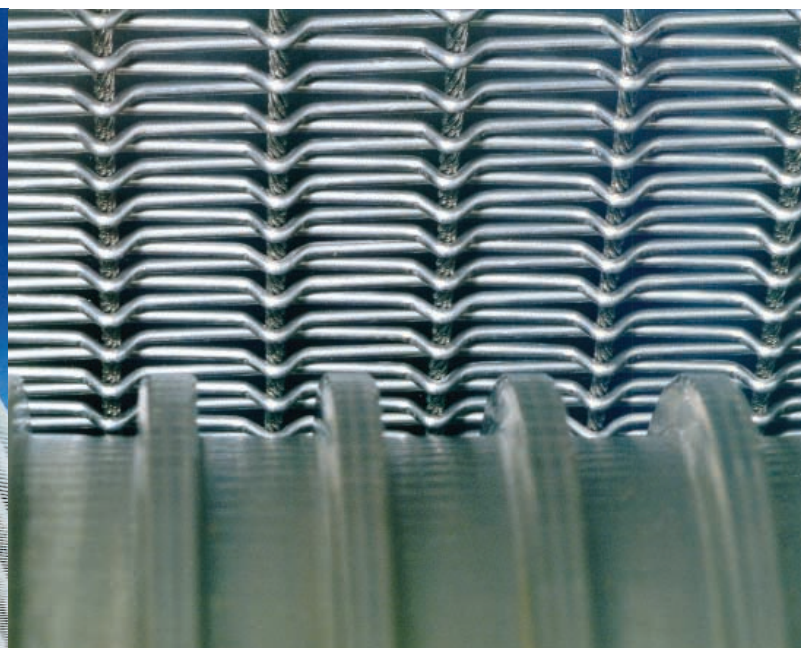
The mesh design allows air permeability to be adapted to the particular process, ranging from 500 cfm to 900 cfm. Durable, flexible and highly conductive, CONDUCTO® is your guarantee for homogenous formation and optimal removal of the nonwoven from the belt.

The visible security of the bronze wires ensures reliable electrostatic discharging, tested according to the ATEX Norm Class 3.





TRACKMATIC® belt for the production of babies' nappies



Reliable tracking thanks to V-crimp guidance

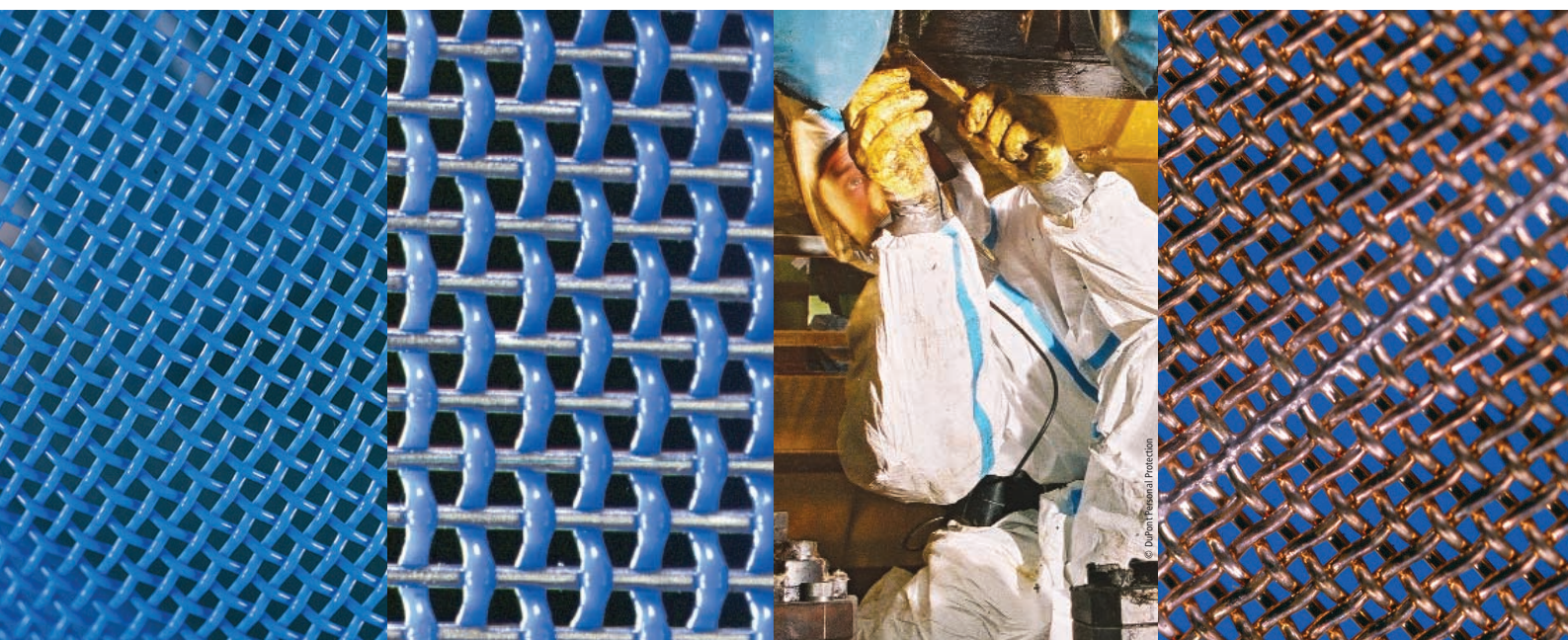
## Customized belt development – competence for efficiency

As special developments, our process belts of plastic, metal or blended materials support even the most demanding applications.

Single-twisted metal woven belts made of stainless steel or steel are proven products in thermobonding processes. Even at production speeds of up to 450 m/min., they ensure absolute running stability. Eight meters wide and up to 160 meters long, they cover all major industrial requirements.

Fine, precisely woven bronze mesh used as a forming or laydown belt in special spunbond or meltblown processes supports the production of marking-sensitive products.

DUOFIL® is the combination of synthetic wires in the running direction with weft wires made of metal. This mesh structure combines cross-stability with flexibility.



Precise mesh count

DUOFIL® – flexibility and cross-stability

Tearproof fine nonwovens  
for protective clothing

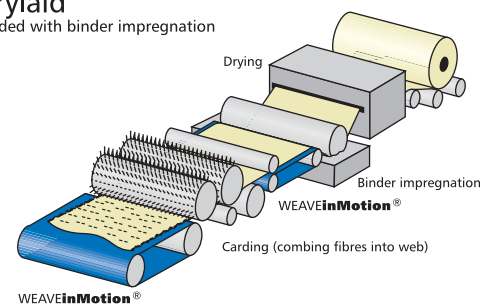
Precise: soldered seam in bronze mesh belt

Monofilament plastic mesh is a proven product as a hydroforming and impregnation belt in the wet-processing of fiber-glass nonwovens. It is also used as an air-permeable carrier belt in the drylaid process.

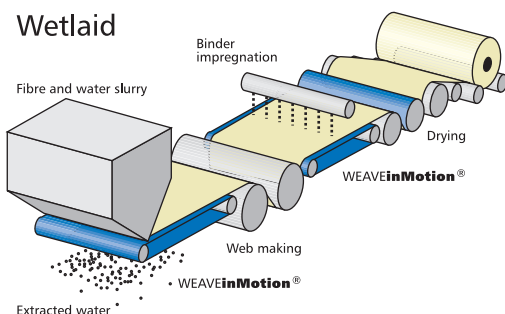
Self-guiding, solid TRACKMATIC® belts made of stainless steel guarantee high run reliability in the production of babies' nappies or mineral fibers.

### Drylaid

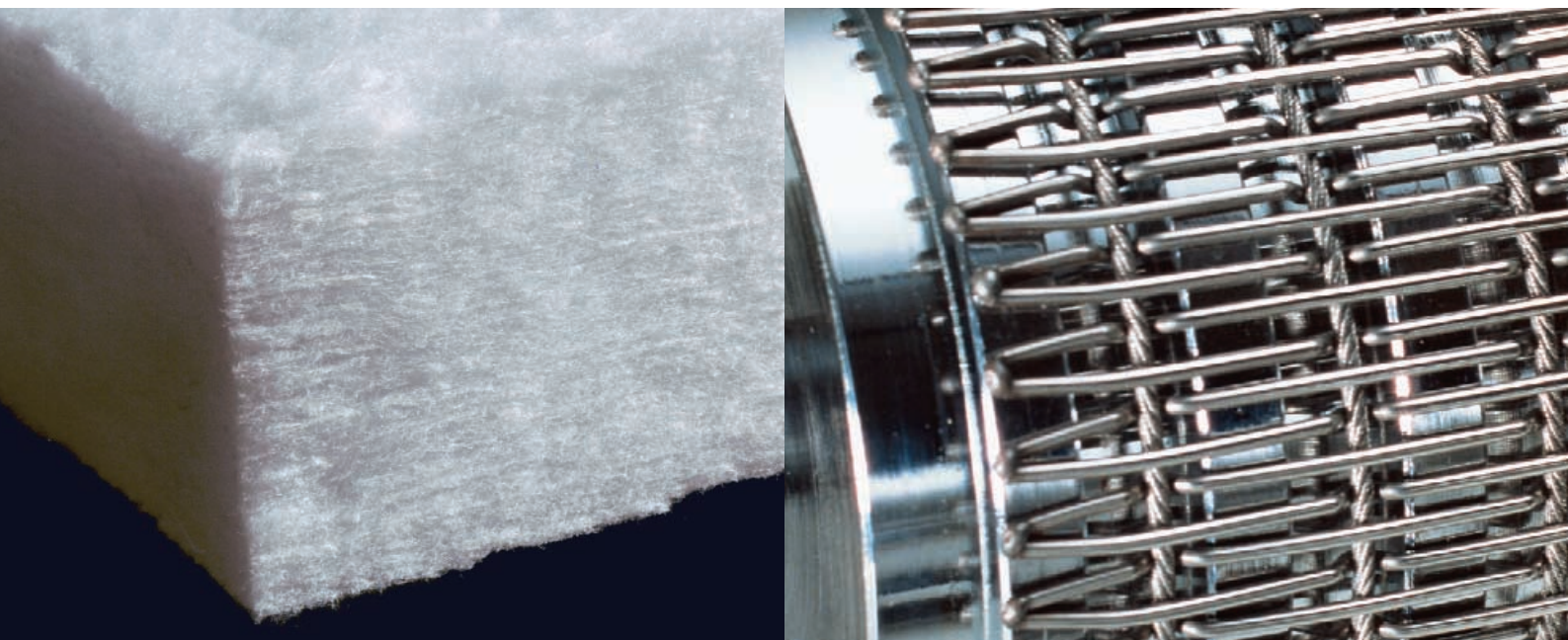
Carded with binder impregnation



### Wetlaid





*Insulation mat, produced on DUOFIL®**Always on track: TRACKMATIC® belt on roller*

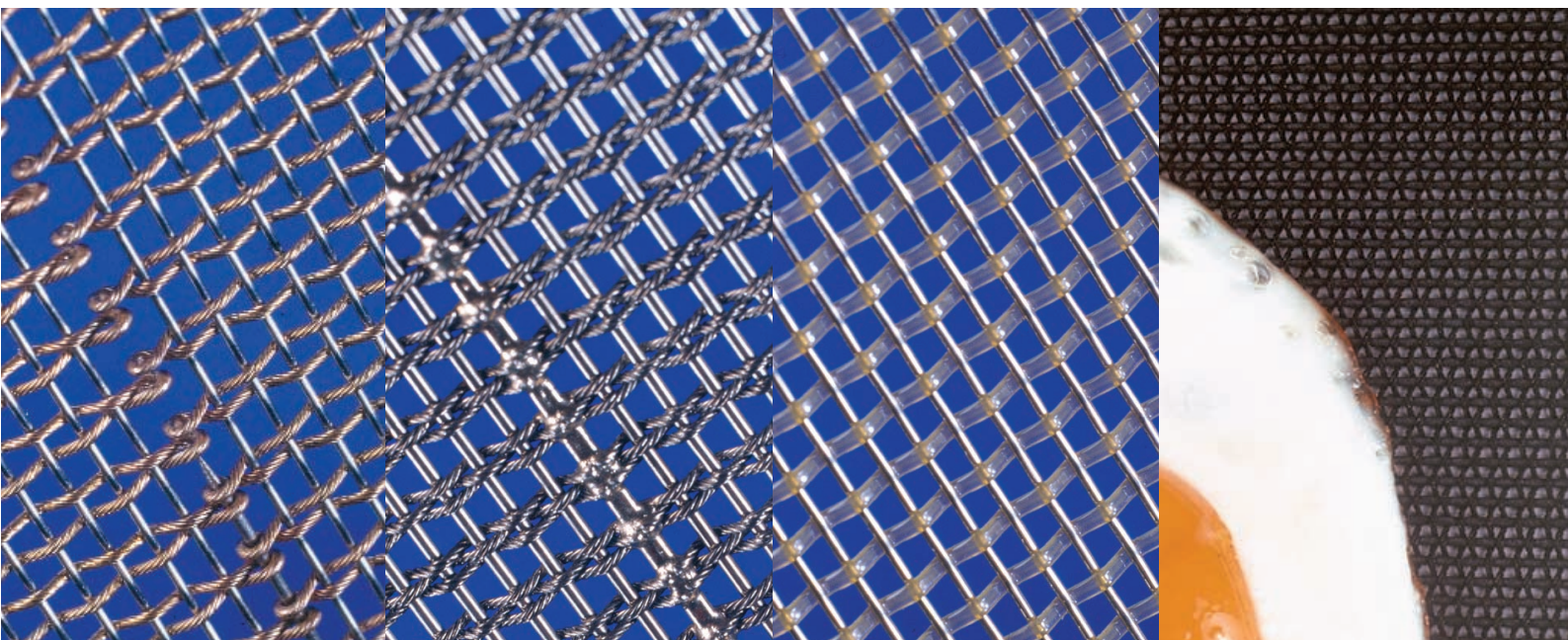
## **Stability** as a quality seal – for **thermal processes** and cleaning

Whether for thermobonding or for dryers: our woven, permeable belts provide reliable support for thermal processes. In thermal processes from 80 to over 300 degrees Celsius, the belt acts as a carrier medium and structure supporter for the nonwoven. The subsequent cleaning process places further high demands on the durability of the belts.

The smooth, robust surface structure of DUOFIL® facilitates residue-free cleaning with brushes or water jets.

Thanks to their self-guiding property, TRACKMATIC® and Lightweight TRACKMATIC® belts remain reliably on track even under heavy weight load or during massive cleaning.

In two-belt dryers, the DUOFIL® upper belt is guided magnetically for optimal flatness. This enables a perfectly calibrated thickness of the nonwoven.



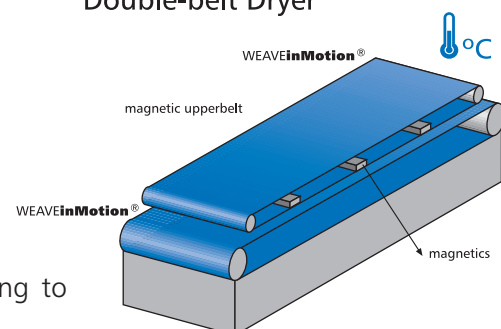
*Bronze mesh with welded loop pin seam*

*Soldered seam in triple-warp woven belt*

*DUOFIL® with PPS for working temperatures up to 200 degrees Celsius*

*Non-stick coating facilitates the removal of sticky products*

## Double-belt Dryer



Metal woven belts with non-stick coating prevent products from sticking to the belt.

Our seams meet the highest quality standards and thus provide the necessary reliability in all applications. Whether as reopenable pin seams or non-marking soldered seams – they stand up long-term to the greatest strains.



*Customer advice on-site**Weaving competence**Lab analysis**Repair in the shortest time*

## Dedicated to **service**

WEAVE IN MOTION® stands for competence and partnership from the very start: consultation, development, production, installation and repair from a single source. This includes analyses of the application processes through to individual belt solutions optimised in every detail to the particular process. We are dedicated to providing complete service – at any time, if necessary round the clock, and anywhere in the world. Your advantage: longterm planning reliability, sustained production security and consistently high quality.

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