



Tomoet biorope™

Biodegradable Plastic Twisted Rope



Features

- 100% Biodegradable Plastic – can be fully decomposed into water and carbon dioxide
- Tough and tight 3-strand twisted rope
- Dia Φ 6mm to 10mm
- Tensile strength up to 200kgf
- White coloring, other coloring option available
- Blunt cut option available – eg. 30cm(1FT) length
- Water resistant
- Temperature range: -10°C ~ 40°C
- JBPA-certified Biodegradable Plastic No.1176



Applications

- Forestry tools
- Flower gardening and Agricultural materials
- Civil engineering and fishing
- Packaging

Tomoet biorope™ is...

An eco-friendly rope that does not stay as a microplastics, using 100% biodegradable plastic that is decomposed into water and carbon dioxide by the action of microbes in the soil. It has been confirmed that biodegradable plastics do not affect the growth of organisms in the soil after decomposition, and many film-type products such as agricultural mulch films and plastic bags have already been produced. Tomoet biorope™ is also a user-friendly rope that is as light, soft, and durable as a plastic rope, reducing the cost of collecting waste after product use.

After use...

It can be buried in the soil then decomposed by microbes, but it takes about half a year to several years to completely decompose – it takes the same amount of time as paper or wood, depending on the temperature, moisture, and pH of the soil. It can be composted together with other organic waste at the composting facility. It can also be disposed of in the same way as general plastic products. Not suitable for recycling or reuse. This product is not decomposed into seawater.

- Product specifications may change without a notice.

Ordering Code

Please contact your Tomoet sales representative for availability and pricing.

Part Number	Description	Dia Φ	Tensile Strength	Length	Package	Color
TBR006-100SW	Biodegradable Plastics Twisted Rope	6mm	70kgf	100m	Coreless Single	White
TBR008-100SW	Biodegradable Plastics Twisted Rope	8mm	70kgf	100m	Coreless Single	White
TBR008-100SB	Biodegradable Plastics Twisted Rope	8mm	70kgf	100m	Coreless Single	Brown
TBR010-050SW	Biodegradable Plastics Twisted Rope	10mm	125kgf	50m	Coreless Single	White
TMR010-050SW	Biodegradable Plastics Twisted Rope Higher Strength Option	10mm	200kgf	50m	Coreless Single	White
TMR010-050BW	Biodegradable Plastics Twisted Rope Higher Strength Option	10mm	200kgf	50m	Bobbin case	White

Contact your Tomoet sales representative for further options.
Store in room temperature and in not humid.