

Plastic Band Strapping Machines and Other Packing DIC Ester Line



Ester Line solves the shortcomings of steel wire, coated wire, and conventional plastic wire. A high-tensile plastic wire material that is strong, lightweight, and resistant to stretching and loosening.

[Applications]

Agricultural Use:

Fruit trellises for grapes and pears / Bird-net support wires / Reinforcement for vinyl greenhouses / Internal greenhouse tension wires / Curtain wires / Others

Fishery Use:

Cultivation racks and suspension ropes for seaweed and oysters / Others

General Industrial Use:

Various twisted wires / Ropes / Others

Features of DIC Ester Line

- Lightweight (approximately one-sixth the weight of steel wire), providing excellent safety and workability.
- Compared with other plastic wire materials, it has low elongation and maintains strong tension without loosening.
- Flexible and easy to tie, with knots that do not loosen.
- Excellent resistance to weather and chemicals, with no risk of rust or corrosion.

Product Specifications of DIC Ester Line

Wire Number	Wire Diameter (mm)	Length (m)	Tensile Strength (N/kgf)	Elongation (%)	Packaging (rolls)
# 15	1.8	1000	1,080/110	15	5
# 14	2.0	1000	1,370/140	15	5
# 13	2.2	1000	1,670/170	15	4
# 12	2.5	1000	2,160/220	15	3
# 10	3.0	500	2,940/300	15	4
# 8	4.0	300	4,900/500	20	4