

Black Tie Wire

PRODUCT DESCRIPTION

Danterr’s Black Tie Wire is a flexible binding wire manufactured from fully softened, low-carbon black-annealed wire for securing reinforcement on construction sites. With a wire diameter of 1.57 mm, it combines tensile strength with the flexibility required for quick twisting and knotting when fixing rebar, mesh, and other reinforcement components.

Supplied in 95 m handy coils, the wire is resistant to tangling and can be used with or without a belt reel for efficient handling on-site. It provides reliable restraint during fixing, helping keep reinforcement securely positioned throughout concrete placement and curing.



FEATURES & BENEFITS

- Provides high strength and flexibility for easy twisting and knotting without breakage.
- Feeds smoothly from the coil to minimise tangling during use.
- Secures bars, mesh, chairs and spacers in position.
- Suitable for tying rebar, mesh, barrier mesh and star pickets.
- Supplied in 95 m handy coils for practical on-site handling.
- Can be used with or without a belt reel for flexible handling.

APPLICATIONS

- Tying reinforcing bars and rebar assemblies.
- Securing reinforcement mesh during concrete works.
- Fixing chairs and spacers in position.
- Tying barrier mesh and star pickets.
- General reinforcement and site binding.

PACKAGING & AVAILABILITY

Code	Description	Pack Qty
102593	Tie Wire Handy Coil 1.57 mm × 95 m – Black	10
P102593	Tie Wire Handy Coil 1.57 mm × 95 m – Black – Pallet Buy	640

INSTALLATION INSTRUCTIONS

1. **Position Reinforcement** – Set the rebar, mesh, chair, and spacer in the required position.
2. **Feed the Wire** – Pull sufficient tie wire from the handy coil to form the required tie.
3. **Wrap the Connection** – Pass the wire around the reinforcement components being secured.
4. **Twist and Secure** – Twist the wire firmly to hold the reinforcement in position.
5. **Final Check** – Confirm the tie is secure and reinforcement remains correctly positioned before concrete placement.

TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES

Property	Specification
Material	Tie Wire Coil
Wire Condition	Black annealed soft wire
Wire Diameter	1.57 mm
Coil Length	95 m
Carbon (C)	0.12%
Silicon (Si)	0.30%
Manganese (Mn)	0.45%
Phosphorus (P)	0.03%
Sulphur (S)	0.04%
Tensile Strength	330 N/mm ²
Elongation	50%

SAFETY & HANDLING

- Handle carefully to prevent damage before installation.
- Store in a clean, dry environment away from direct sunlight.
- Dispose of waste material in accordance with local regulations.