

Heavy-Duty Zip Ties (Various Lengths)

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Fasteners & Hardware

Heavy-duty zip ties fasten cables, hoses, bundles and structures with strength and speed, in lengths from 100 mm to 600 mm and large widths for load-bearing jobs. Weatherproof nylon versions hold outdoors and in machines.

Key Features

- Lengths 100-600 mm
- Widths 2.5-9 mm for load ratings
- Nylon 66 UV stabilised grades
- Colour options for coding
- Head designs for repeated or permanent use

Typical Uses in the Workshop

- Bundle and route cables and hoses
- Secure parts in machines and robots
- Fix guards, nets and signs
- Temporary and permanent fastening

Safe Operation

1. Select the length and width for the job
2. Thread the tail through the head
3. Pull snug without crushing the bundle
4. Trim the tail flush with cutters
5. Check the rated pull strength

SAFETY NOTES

- Cut tails are sharp - trim and dispose
- Do not over-tighten on cables and wires
- Keep ties away from heat sources
- Do not reuse damaged ties
- Store out of small children's reach

Maintenance & Consumables

- Keep ties sorted by length and colour
- Check UV stability for outdoor use
- Replace brittle or cracked ties
- Keep a stock at each bench
- Use releasable ties for prototypes

Specification & Buying Notes

Bulk assortments of 100-300 mm black nylon ties cover most work; add 500-600 mm heavy-duty for racks and large bundles. UV-stabilised grades last outdoors.