

ABC inventory analysis

All records

ITEMS ANALYSED
12
across 6 families

STOCK VALUE HELD
\$52,620
3.6 months of cover overall

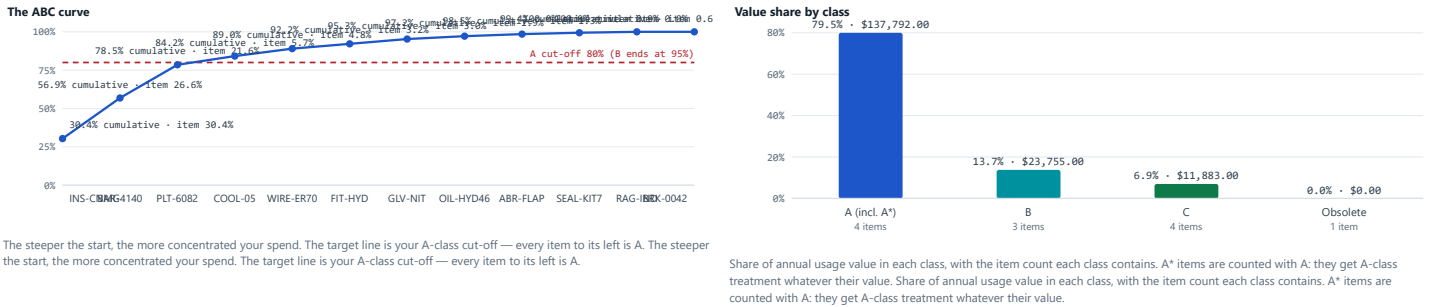
A-CLASS ITEMS
3
25% of items carry 79% of the value · +1 forced A*

C-CLASS ITEMS
4
33% of items, only 7% of the value — manage them cheaply

DEAD STOCK VALUE
\$4,960.00
1 item held with zero annual usage

ANNUAL USAGE VALUE
\$173,430
the ranking measure — annual quantity × unit cost

12 of 12 record(s) included. All records. Amounts in USD.



Top 10 items by annual usage value		
INS-CNMG Carbide inserts C	\$52,640.00	
BAR-4140 Alloy steel bar 4	\$46,080.00	· 26
PLT-6082 Aluminium plate 6	\$37,440.00	· 21.6% · A
COOL-05 Coolant concentrat	\$9,860.00	· 5.7% · B
WIRE-ER70 Welding wire ER7	\$8,295.00	· 4.8% · B
FIT-HYD Hydraulic fittings	\$5,600.00	· 3.2% · B
GLV-NIT Nitrile-coated glo	\$5,280.00	· 3.0% · C
OIL-HYD46 Hydraulic oil IS	\$3,362.00	· 1.9% · C
ABR-FLAP Flap discs 115 mm	\$2,185.00	· 1.3% · C
SEAL-KIT7 Seal kit, formin	\$1,632.00	· 0.9% · A*

These items deserve the negotiation effort, the accurate counts and the supplier attention. Everything below them is cheaper to over-order than to over-manage. These items deserve the negotiation effort, the accurate counts and the supplier attention. Everything below them is cheaper to over-order than to over-manage.

The classification

RANK	CODE	DESCRIPTION	ANNUAL VALUE	CUM. %	CLASS	LEAD D	COVER (MO)	SUGGESTED POLICY
1	INS-CNMG	Carbide inserts CNMG 120408, turning	\$52,640.00	30.4%	A	14	0.6	Tight control — count often, safety stock by service level, negotiate hard
2	BAR-4140	Alloy steel bar 42CrMo4, 60 mm dia (kg)	\$46,080.00	56.9%	A	21	2.3	Tight control — count often, safety stock by service level, negotiate hard
3	PLT-6082	Aluminium plate 6082-T6, 20 mm (kg)	\$37,440.00	78.5%	A	28	8.2	Tight control — count often, safety stock by service level, negotiate hard
4	COOL-05	Coolant concentrate, semi-synthetic (litres)	\$9,860.00	84.2%	B	10	2.5	Normal min/max control, periodic review
5	WIRE-ER70	Welding wire ER70S-6, 1.0 mm (kg)	\$8,295.00	89.0%	B	7	2.0	Normal min/max control, periodic review
6	FIT-HYD	Hydraulic fittings, assorted BSPP	\$5,600.00	92.2%	B	5	7.7	Normal min/max control, periodic review
7	GLV-NIT	Nitrile-coated gloves, size 9 (pairs)	\$5,280.00	95.3%	C	3	3.8	Two-bin or bulk order — count rarely
8	OIL-HYD46	Hydraulic oil ISO VG 46 (litres)	\$3,362.00	97.2%	C	7	3.5	Two-bin or bulk order — count rarely
9	ABR-FLAP	Flap discs 115 mm, 60 grit	\$2,185.00	98.5%	C	5	5.0	Two-bin or bulk order — count rarely
10	SEAL-KIT7	Seal kit, forming press main cylinder	\$1,632.00	99.4%	A*	42	3.0	Treat as A — protect supply regardless of value
11	RAG-IND	Industrial wipers (kg)	\$1,056.00	100.0%	C	3	1.5	Two-bin or bulk order — count rarely
12	BRK-0042	Mounting bracket, discontinued product line	\$0.00	100.0%	OBS	—	dead	Disposition review — stop buying, clear the stock

Attention list

CODE	ISSUE	VALUE AFFECTED	WHAT TO DO
PLT-6082	A-class overstock — 8.2 months of cover	\$25,480.00	High-value items should turn fast. Check for a stale order quantity or a forecast that never came true.
BRK-0042	Dead stock — held with zero annual usage	\$4,960.00	400 units on the shelf. Decide: use, sell, return or scrap — but stop counting it as an asset that is coming back.
SEAL-KIT7	Critical override — A-class tnmnt forced	\$408.00	Low value does not mean low consequence. Confirm the safety stock and the supplier position at every review.

Item register

CODE	DESCRIPTION	FAMILY	ANNUAL QTY	UNIT COST	LEAD D	OVERRIDE	STOCK QTY	CURRENT POLICY	REVIEWED	ANNUAL VALUE	STOCK VALUE	COVER (MONTHS)
INS-CNMG	Carbide inserts CNMG 120408, turning	Tooling	5,600.0	9.40	14.0	—	260.0	Order on request	2026-08-03	\$52,640.00	\$2,444.00	0.6
BAR-4140	Alloy steel bar 42CrMo4, 60 mm dia (kg)	Raw material	12,800.0	3.60	21.0	—	2,400.0	Monthly bulk order	2026-08-03	\$46,080.00	\$8,640.00	2.3

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PLT-6082	Aluminium plate 6082-T6, 20 mm (kg)	Raw material	7,200.0	5.20	28.0	—	4,900.0	Monthly bulk order	2026-08-03	\$37,440.00	\$25,480.00	8.2
COOL-05	Coolant concentrate, semi-synthetic (litres)	Consumables	1,450.0	6.80	10.0	—	300.0	Min/max	2026-08-04	\$9,860.00	\$2,040.00	2.5
WIRE-ER70	Welding wire ER70S-6, 1.0 mm (kg)	Consumables	2,100.0	3.95	7.0	—	350.0	Min/max	2026-08-04	\$8,295.00	\$1,382.50	2.0
FIT-HYD	Hydraulic fittings, assorted BSPP	Maintenance	640.0	8.75	5.0	—	410.0	Order on request	2026-08-05	\$5,600.00	\$3,587.50	7.7
GLV-NIT	Nitrile-coated gloves, size 9 (pairs)	PPE	9,600.0	0.55	3.0	—	3,000.0	Two-bin	2026-08-05	\$5,280.00	\$1,650.00	3.8
OIL-HYD46	Hydraulic oil ISO VG 46 (litres)	Maintenance	820.0	4.10	7.0	—	240.0	Min/max	2026-08-05	\$3,362.00	\$984.00	3.5
SEAL-KIT7	Seal kit, forming press main cylinder	Maintenance	24.0	68.00	42.0	Critical	6.0	Min/max	2026-08-06	\$1,632.00	\$408.00	3.0
ABR-FLAP	Flap discs 115 mm, 60 grit	Consumables	1,150.0	1.90	5.0	—	480.0	Two-bin	2026-08-06	\$2,185.00	\$912.00	5.0
RAG-IND	Industrial wipers (kg)	Consumables	480.0	2.20	3.0	—	60.0	Order with cleaning supplies	2026-08-07	\$1,056.00	\$132.00	1.5
BRK-0042	Mounting bracket, discontinued product line	Components	0.0	12.40	0.0	Obsolete	400.0	None — sitting on the shelf	2026-08-07	\$0.00	\$4,960.00	—

Notes

Sample data — replace every item with your own usage and cost figures before acting on the classification.

The classification is only as good as the annual usage and unit cost figures entered — a guessed cost or a stale usage number puts the item in the wrong class and the wrong policy follows. ABC analysis directs management effort; it does not replace judgement, and it says nothing about criticality on its own — a cheap item can still stop the line. Use the override for those, and re-run the analysis when usage patterns change.