

# CUT-RESISTANT GLOVES

## APPLICATION GUIDE—Materials

ANSI Cut Level	Cut Hazard Level	Application for Cut Level	Condor Items
 A1 (200-499 grams)	Light Cut Hazards	Material handling, Shipping and Receiving, Small Parts Assembly (sharp edge), Packaging, Warehouse, General purpose, Forestry, Construction	
 A2 (500-999 grams)	Light/Medium Cut Hazards	Material Handling, Metal Handling, Appliance Manufacturing, Small Parts Assembly (Sharp Edge), Packaging, Warehouse, General Purpose, Forestry, Construction, Pulp and Paper, Automotive Assembly	D1586, D2031, D2034, D1963, H6491, J4926, D2044, D1984, G6616, H6345, J4934, H6346
 A3 (1000-1499 grams)	Light/Medium Cut Hazards	Material Handling, Metal Handling, Appliance Manufacturing, Small Parts Assembly (Sharp Edge), Packaging, Warehouse, General Purpose, Forestry, Construction, Pulp and Paper, Automotive Assembly	D2037, D2047, D6162, D1996, H6337, J4919, J4920, J4922, J4923
 A4 (1500-2199 grams)	Medium Cut Hazards	Appliance Manufacturing, Bottle and Light Glass Handling, Canning, Drywall Work, Electrical, Carpet Installation, HVAC, Pulp and Paper, Automotive Assembly, Metal Fabrication and Handling, Packaging, Warehouse, Aerospace Industry	J4929, H4211, H4213, J4927, J4928, H4212, H5895, J4921, J4924, J4935
 A5 (2200-2999 grams)	Medium/Heavy Cut Hazards	Appliance Manufacturing, Bottle and Light Glass Handling, Canning, Drywall Work, Electrical, Carpet Installation, HVAC, Pulp and Paper, Automotive Assembly, Metal Fabrication and Handling, Packaging, Warehouse, Aerospace Industry	J4925
 A6 (3000-3999 grams)	Heavy Cut Hazards	Metal Stamping, Metal Recycling, Appliance Manufacturing, Pulp and Paper (Changing Slitter Blades), Automotive Assembly, Metal Fabrication, Sharp Metal Stampings, Glass Manufacturing, Window Manufacturing, Recycling Sorting, HVAC, Aerospace Industry	
 A7 (4000-4999 grams)	Heavy Cut Hazards	Metal Stamping, Metal Recycling, Appliance Manufacturing, Pulp and Paper (Changing Slitter Blades), Automotive Assembly, Metal Fabrication, Sharp Metal Stampings, Glass Manufacturing, Window Manufacturing, Recycling Sorting, HVAC, Aerospace Industry, Assembly or Movement of Large Objects	
 A8 (5000-5999 grams)	Heavy Cut Hazards	Metal Stamping, Metal Recycling, Appliance Manufacturing, Pulp and Paper (Changing Slitter Blades), Automotive Assembly, Metal Fabrication, Sharp Metal Stampings, Glass Manufacturing, Window Manufacturing, Recycling Sorting, HVAC, Aerospace Industry, Assembly or Movement of Large, Bulky or Heavy Objects with Sharp Edges	
 A9 (6000 grams-above)	Heavy Cut Hazards	Metal Stamping, Metal Recycling, Appliance Manufacturing, Pulp and Paper (Changing Slitter Blades), Automotive Assembly, Metal Fabrication, Sharp Metal Stampings, Glass Manufacturing, Window Manufacturing, Recycling Sorting, HVAC, Aerospace industry, Assembly or Movement of Large, Bulky or Heavy Objects with Sharp Edges	

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## SELECTION GUIDE

Liner Material	Characteristic
Polyester, Nylon	Only provides minimum cut resistance performance, needs to be mixed with Aramid/HPPE or steel in cut resistant gloves
Para-Aramid (Kevlar)	High strength, heat resistant and low-flammability
HPPE (Dyneema, Spectra)	Water resistant, high tensile strength and high abrasion resistance. HPPE is unaffected by moisture or UV radiation
Fiberglass	Excellent strength and low weight. It can increase cut protection performance by combining with HPPE or Para-aramid liner
Stainless Steel	Can achieve higher cut protection rating by HPPE or Para-aramid liner that are reinforced with stainless steel
Lycra/Spandex	Offers better stretch for glove

Coating Material	Coating Material Character
Crinkle Latex	<ul style="list-style-type: none"> <li>• Dry or wet application</li> <li>• Latex offers good elasticity and comfort</li> <li>• Rough textured surface for better grip and abrasion resistance</li> <li>• Excellent flexibility. Tear and cut resistant</li> </ul>
Smooth Nitrile	<ul style="list-style-type: none"> <li>• Dry, wet or oil application</li> <li>• Smooth nitrile glove is non-porous and without any texture on surface</li> <li>• Excellent resistance to abrasion, snags and perforations</li> <li>• Excellent puncture resistance, tactile sensitivity and flexible grip</li> </ul>
Foam Nitrile	<ul style="list-style-type: none"> <li>• Dry or wet, oil application</li> <li>• Micro texture for better breathability and comfort</li> <li>• Excellent flexibility. Tear and cut resistant</li> <li>• Less abrasion resistant than smooth nitrile</li> <li>• Very suitable for oil grip application</li> </ul>
Sandy Foam Nitrile	<ul style="list-style-type: none"> <li>• Dry, wet or oily application</li> <li>• Micro roughened texture finish increase abrasion resistance and improve grip</li> </ul>
PU	<ul style="list-style-type: none"> <li>• Dry, light oil application</li> <li>• Semi-smooth texture provides superior dexterity and sensitivity</li> </ul>
PVC Dotted	<ul style="list-style-type: none"> <li>• Dry application</li> <li>• Helps improve gripping of gloves</li> </ul>

ANSI Cut Level	Family ID	Liner material	Gauge	Coating Material	Coating Coverage	Coating Finish	Color	ANSI Abrasion Level	ANSI Puncture Level	EN388 Rating
A2	D1586	Kevlar®	13	Uncoated	Leather	None	Yellow	3	4	2X43B
A2	D2031	Kevlar®	13	Uncoated	None	None	Yellow	1	X	2X2XB
A2	D2034	Kevlar®	7	Uncoated	None	None	Yellow	1	X	134X
A2	D2044	Kevlar®	7	PVC	Palm & Fingers	Dotted	Black/Yellow	3	X	144X
A2	D1984	HPPE	13	Polyurethane	Palm & Fingers	Smooth	Black/White/Gray	4	3	4X42B
A2	G6616	HPPE	13	Polyurethane	Palm & Fingers	Smooth	White/Gray	4	2	4X42B
A2	H6345	HPPE	13	Polyurethane	Palm & Fingers	Smooth	White/White	5	3	4X42B
A2	J4934	HPPE	18	Polyurethane	Palm & Fingers	Smooth	Blue/Blue	3	3	3X42B
A2	D1963	Kevlar®	13	Nitrile	Palm & Fingers	Smooth	Black/Yellow	3	2	4X31B
A2	H6491	Kevlar®	13	Nitrile	Palm & Fingers	Smooth	Black/Yellow	3	2	4X31B
A2	J4926	Kevlar®	15	Nitrile	Palm & Fingers	Foam	Black/Yellow	5	2	4X32B
A2	H6346	Polyester, Fiberglass	10	Natural Rubber Latex	Palm & Fingers	Crinkle	Gray /Blue	4	3	3X42B
A3	D2037	Kevlar®	7	Uncoated	None	None	Yellow	2	X	2X4XC
A3	D2047	Kevlar®	7	Uncoated	Leather palm	None	Yellow	6	3	3X42C
A3	D6162	Kevlar®	7	Uncoated	Leather	None	Gray	5	4	4X43C
A3	H6337	HPPE	13	Polyurethane	Palm & Fingers	Smooth	Gray/Black	4	3	4X42C
A3	J4919	HPPE, Spandex	13	Nitrile	Palm & Fingers	Foam	Gray/Orange	5	3	4X42C
A3	J4920	HPPE, Spandex	13	Nitrile	Palm & Fingers	Foam	Gray/Black	5	3	4X42C
A3	J4923	Polyester, Stainless steel	10	Nitrile	Palm & Fingers	Smooth	Green/Yellow	5	3	3X42C
A3	D1996	Kevlar®	10	Natural Rubber Latex	Palm & Fingers	Crinkle	Blue/Yellow	3	2	3X44C
A3	J4922	Polyester, Stainless steel	10	Natural Rubber Latex	Palm & Fingers	Crinkle	Black/Hi-Vis Yellow	4	3	2X42C
A4	H5895	HPPE	7	Uncoated	Leather palm	None	Gray/Gray	5	4	4X43D
A4	J4929	Kevlar®	10	Uncoated	Leather palm	None	Green	5	4	4X23D
A4	J4935	HPPE	13	Uncoated	None	None	Gray	3	X	3X4XD
A4	J4928	Kevlar®	7	PVC	Palm & Fingers	Dotted	Blue/Yellow	2	X	3X3XD
A4	H4212	HPPE	13	Polyurethane	Palm & Fingers	Smooth	Black/Black	4	3	4X42D
A4	J4924	HPPE, Spandex	13	Polyurethane	Palm & Fingers	Smooth	Black/Gray	4	3	4X43D
A4	H4213	Kevlar®	13	Nitrile	Palm & Fingers	Foam	Gray/Yellow	5	2	4X42D
A4	J4921	HPPE	10	Nitrile	Palm & Fingers	Foam	Gray/Black	5	3	4X42D
A4	J4927	Kevlar®	13	Nitrile	Palm & Fingers	Foam	Blue/Yellow	5	2	4X41D
A4	H4211	Kevlar®	10	Natural Rubber Latex	Palm & Fingers	Crinkle	Blue/Yellow	3	3	3X42D
A5	J4925	Kevlar®	10	Natural Rubber Latex	Palm & Fingers	Crinkle	Black/Yellow	4	4	3X44E

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