

Top Dog Product Selection Guide

Aprons, Gowns, & Sleeves



topdog
Durable Protective Apparel



Top Dog Product Features

Top Dog reusable garments are designed to support zoned color-coding programs. The five colors offered pair with the core colors of Remco and Vikan tools, increasing the effectiveness of end users' HACCP plans. Color-coded garments provide food manufacturers an additional tool for quick visual verification. This helps ensure that the right people are using the right tools for specified zones. These products are durable and hygienic, making them an excellent complement to Remco Products' cleaning and material handling tools. The total-color garments provide protection to the wearer and are easy on the environment because they are reusable.

These garments are made from an ether-based polyurethane film, making them ideal for the food and beverage industry. There are many benefits to using this material:

- ✓ Food-safe (FDA and CFIA documentation available)
- ✓ Reusable
- ✓ Waterproof
- ✓ Virtually non-stick and non-staining
- ✓ Resistant to chemical and acid sanitation products
- ✓ Non-porous surface – will not host bacteria or mold
- ✓ Material returns to original shape after repeated stretching
- ✓ Recyclable
- ✓ Washer and dryer safe
- ✓ Will not crack or stiffen in low temperatures or with repeated cleaning
- ✓ Impervious to animal fats and degreasers
- ✓ Does not retain odors and has no off-gassing
- ✓ Completely latex-free for sensitive users
- ✓ Easily repairable
- ✓ Very high abrasion resistance

Quality and Durability

Top Dog produces aprons, sleeves, and gowns with the same great quality that customers have come to expect from all of the tools Remco supplies. This product's durability allows for extended use when compared to other material types. This capability has saved some customers as much as 50% versus other disposable products.

Long-Term Field Test

A large North American fish processing plant did a 120-day comparative study of Top Dog Aprons vs. vinyl aprons vs. disposable polyethylene aprons. The study concluded that:

1 Top Dog Apron = 7 Vinyl Aprons = 243 Disposable Poly Aprons

	1 Top Dog Apron	7 Vinyl Aprons	243 Disposable Aprons
Color-coded	Yes - 5 Colors	Yes - 4 Colors	Yes - 4 Colors
Unit Retail Cost	\$10.00	\$1.80	\$0.055
Total Retail Cost	\$10.00	\$12.60	\$13.37
Average Savings per Employee:		20%	25%

**Prices based on retail averages for like products.*

Material Comparison

The material used in constructing Top Dog garments provides several key benefits compared to those used by competitors. There is simply no other manufacturer producing garments from the same material. Top Dog only uses pure ether-based polyurethane for it's core line of products.

Why Materials Fail- Cracking

The primary reason reusable garments fail is cracking in the material. Cracking begins at the molecular level as various chemical interactions occur within the material. Over time, small fissures develop, eventually leading to larger cracks. Once cracks completely penetrate the material, the user may be exposed to water, soils, or chemicals, leading them to dispose of the garment.

Why Materials Crack- Exposure to Elements

Exposure to substances often found in production environments decreases the lifespan of materials. Animal fats, cleaning chemicals, degreasers, and laundering/water tend to speed material degradation because of their affect on plasticizers that are used by most garment manufacturers.

In addition to the common containments listed above, other environmental factors like temperature, ultra-violet light, high humidity, and user abuse shorten lifespans.

Why Manufacturers use Plasticizers

Some manufacturers use plasticizers to soften materials like PVC. Without chemical plasticizers, PVC would be more durable, but it would also be extremely rigid, making it unsuitable for garment construction. Other manufacturers use plasticizers as a filler material to reduce the overall cost of materials. Pure polyurethane is significantly more expensive than polyurethanes mixed with plasticizers.

Beyond material degradation, plasticizers also create several additional problems when exposed to different elements. Plasticizers leach out in the laundry process, causing cracking or delaminating. Plasticizers also off-gas, releasing odors and VOCs. Additionally, plasticizers stiffen as temperature drops, again making them susceptible to cracking.

	Top Dog Polyurethane (PU)	Competitor Polyurethane (PU)	Polyvinyl Chloride (PVC)	Polyethylene (PE)
Single Use- Disposable				✓
Reusable- Short-term (1-2 Months)*		✓	✓	
Reusable- Long-term (3+ Months)*	✓			
Impervious to Animal Fats	✓			
Impervious to Degreasers	✓			
Impervious to Water/High Humidity	✓			
Made Without Plasticizers	✓			
Remains Flexible at Low Temps	✓			
Wide Chemical Resistance	✓	✓	✓	
Flexible- Will Not Crack	✓			
Stretchable Returns to Original Shape	✓			

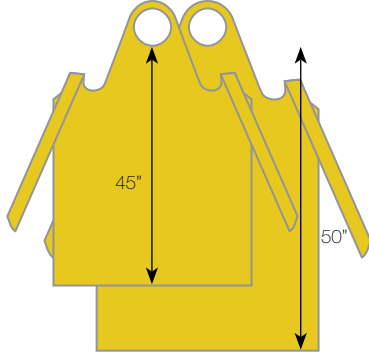
*Average usage times. Time can vary based on many variables including mechanical damage and user abuse.



6 Mil Die Cut Aprons



- Our most popular apron
- Available in 45" (8001x) and 50" (8002x) lengths
- Case quantity: 36 (*Ships in full cases only*)
- One-piece construction limits the potential for foreign body contamination and reduces harborage points for pathogens
- Aprons are reversible and fit comfortably over clothes
- May be used in conjunction with Top Dog protective sleeves for maximum safety



8001x / 8002x
Top Dog 6 mil Aprons

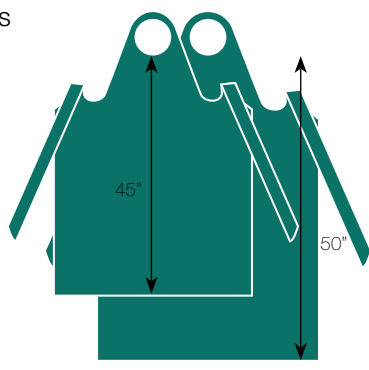
Part No.	Size	Available Colors
8001x	45" Length	2 3 4 5 6
8002x	50" Length	2 3 4 5 6



8 Mil Die Cut Aprons



- Available in 45" (8101x) and 50" (8102x) lengths
- Case quantity: 24 (*Ships in full cases only*)
- One-piece construction limits the potential for foreign body contamination and reduces harborage points for pathogens
- Aprons are reversible and fit comfortably over clothes
- May be used in conjunction with Top Dog protective sleeves for maximum safety
- Significantly increased resistance to punctures and tears. For workstations with sharp edges or jobs that require lifting, carrying, or the use of knives or scissors.



8101x / 8102x
Top Dog 8 mil Apron

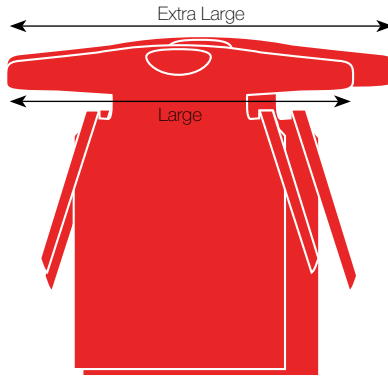
Part No.	Size	Available Colors
8101x	45" Length	2 3 4 5 6
8102x	50" Length	2 3 4 5 6



6 Mil Gowns



- Available in sizes Large (8603x) and Extra Large (8604x)
- Case quantity: 10 (*Ships in full cases only*)
- Full-length cuffed sleeves offer full protection
- The open back improves user comfort by reducing weight and providing ventilation



8603x / 8604x
Top Dog 6 mil Gowns

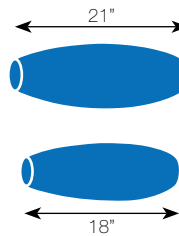
Part No.	Size	Available Colors
8603x	Large	2 3 4 5 6
8604x	Extra Large	2 3 4 5 6



Sleeves



- Available in 18" (8401x) and 21" (8402x) lengths
- Sleeves provide coverage from the wrist to above the elbow
- Elastic at both ends of the sleeves keeps them securely in place
- 8401x Case quantity: 24 pairs (*Ships in full cases only*)
8402x Case quantity: 18 pairs (*Ships in full cases only*)



8401x / 8402x
Top Dog Protective Sleeves

Part No.	Length	Available Colors
8401x	18"	2 3 4 5 6
8402x	21"	2 3 4 5 6

*Top Dog items ship in case quantities.
Additional sizes, styles, and colors available on request.
Contact Customer Service at cs@remcoproducts.com for more information.*



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For detailed apron and sleeve measurements, consult Remco's full-line catalog or visit www.remcoproducts.com