

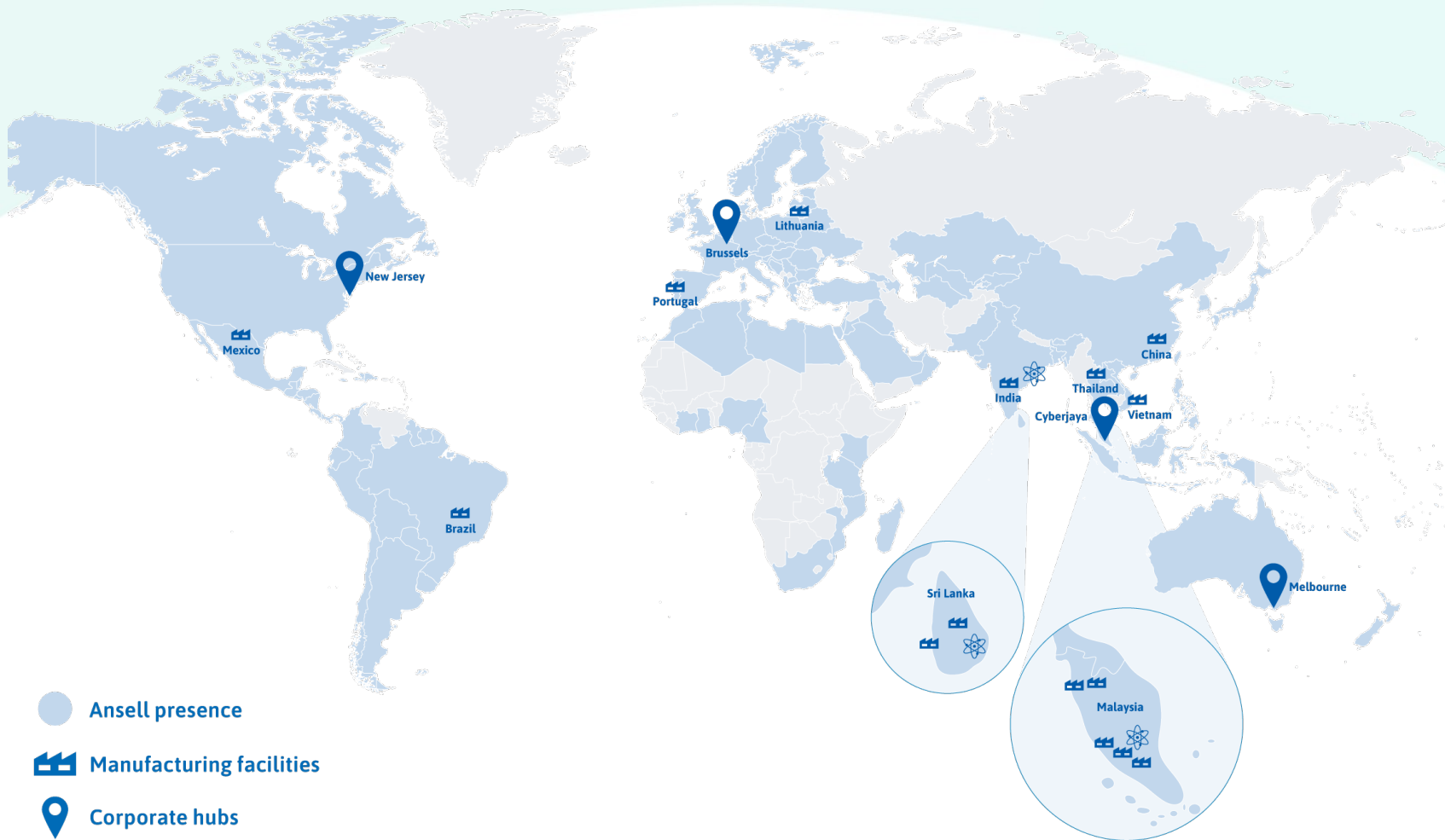
Ny generation kemskyddshandskar  
med både bättre kemskydd och  
användarvänlighet





# About Ansell

**Ansell**



-  Ansell presence
-  Manufacturing facilities
-  Corporate hubs
-  In-house Gamma Irradiation Facilities

## Brands

**AlphaTec®** **ACTIVARMR™**  
**HyFlex®**  **EDGE™**  
**MICROFLEX®** **TouchNTuff®**

**130+** Years of experience

**24**  
Distribution  
Centers

**15.000**  
Employees

**15**  
Manufacturing  
Facilities

Sales Presence  
**55+**  
Countries

Sales in  
**100+**  
Countries

**18**  
R&D Centres

**3** In-house Gamma Irradiation Facilities



**No. 1 or 2 position**  
in key segments globally



Protecting more than  
**10 million workers** each day



**Turnover** \$1,620m FY24

# Traditionellt val av kemskyddshandskar

Nitril



- > Oljor & fett
- > Slitstarka
- > Bra grepp
- > Dåliga i kyla

Latex



- > Elastiska
- > Bra grepp
- > Starka
- > Ej oljebest

Neopren



- > Flexibelt mtrl
- > Även i låga temp
- > Bra mot syra/bas

PVC



- > Syror
- > Baser
- > Saltlösningar

PVA



- > Lösn.medel
- > Ketoner

Butyl



- > Gastätt mtrl
- > Lång lagring
- > Allround

Barriär mtrl



- > Brett kemskydd

# Chemical Guardian

Nitril

Latex

Neopren

PVC

PVA

Butyl

Barriär mtrl

| Kemikalier               |           |                        |     |                                              | <input type="checkbox"/> Ta Bort | <input checked="" type="checkbox"/> Ladda Upp MSDS |
|--------------------------|-----------|------------------------|-----|----------------------------------------------|----------------------------------|----------------------------------------------------|
|                          | CAS       | Kemikalienamn          | %   | Fysiskt tillstånd                            |                                  |                                                    |
| <input type="checkbox"/> | 67-56-1   | (A) Methanol           | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 67-64-1   | (B) Acetone            | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 75-05-8   | (C) Acetonitrile       | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 75-09-2   | (D) Dichloromethane    | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 75-15-0   | (E) Carbon disulphide  | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 108-88-3  | (F) Toluene            | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 109-89-7  | (G) Diethylamine       | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 109-99-9  | (H) Tetrahydrofuran    | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 141-78-6  | (I) Ethyl acetate      | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 142-82-5  | (J) n-Heptane          | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 1310-73-2 | (K) Sodium hydroxide   | 40  | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 7664-93-9 | (L) Sulphuric acid     | 96  | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 7697-37-2 | (M) Nitric acid        | 65  | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 64-19-7   | (N) Acetic acid        | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 1336-21-6 | (O) Ammonium hydroxide | 25  | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 7722-84-1 | (P) Hydrogen peroxide  | 30  | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 7664-39-3 | (S) Hydrofluoric acid  | 40  | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 50-00-0   | (T) Formaldehyde       | 37  | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |
| <input type="checkbox"/> | 7732-18-5 | Vatten                 | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                                    |

| 58-530.535 |   | 88-394 |   | 08-352.354 |   | 23-200.201.202 |   | 15-554 |   | 38-003   |   | 02-100 |   |
|------------|---|--------|---|------------|---|----------------|---|--------|---|----------|---|--------|---|
| ...        |   | ...    |   | ...        |   | ...            |   | ...    |   | ...      |   | ...    |   |
| 56'        | C | 37'    | C | 193'       | C | 57'            | C | 5'     | C | > 480'   |   | 198'   | C |
| 6'         | C | 5'     | C | < 5'       | C | < 10'          |   | 101'   | C | > 480'   |   | > 480' | C |
| 5'         | C | 8'     | C | 28'        | C | 10-30'         |   | 330'   | C | > 480'   |   | > 480' | C |
| < 10'      |   | < 10'  |   | < 10'      |   | < 10'          |   | > 480' | C | 10-30'   |   | 65'    | C |
| < 10'      |   | < 5'   | C | < 5'       | C | < 10'          |   | > 480' | C | < 10'    |   | > 480' | C |
| 19'        | C | < 10'  |   | < 5'       | C | 14'            | C | > 480' | C | 10-30'   |   | > 480' | C |
| 28'        | C | < 10'  |   | < 5'       | C | 16'            | C | 9'     | C | 10-30'   |   | > 480' | C |
| < 10'      |   | < 10'  |   | < 5'       | C | < 10'          |   | 52'    | C | 10-30'   |   | > 480' | C |
| 15'        | C | < 5'   | C | 10-30'     |   | < 10'          |   | > 480' | C | 240-480' |   | > 480' | C |
| > 480'     | C | < 10'  |   | 142'       | C | < 10'          |   | > 480' | C | 10-30'   |   | > 480' | C |
| > 480'     | C | > 480' | C | > 480'     | C | > 480'         | C | < 10'  |   | > 480'   |   | > 480' |   |
| 34'        | C | 269'   | C | 230'       | C | 120'           | C | < 5'   | C | > 480'   | C | > 480' | C |
| 73'        | C | 10-30' |   | > 480'     | C | 120-240'       |   | < 10'  |   | > 480'   |   | > 480' | C |
| 42'        | C | 30-60' |   | 452'       | C | 171'           | C | < 10'  |   | > 480'   |   | 158'   | C |
| 288'       | C | 9'     | C | > 480'     | C | 10-30'         |   | < 10'  |   | > 480'   |   | 27'    | C |
| > 480'     | C | > 480' | C | > 480'     | C | > 480'         |   | < 10'  |   | > 480'   |   | > 480' |   |
| 160'       | C | > 480' |   | > 480'     | C | > 480'         | C | < 10'  |   | > 480'   |   | > 480' | C |
| > 480'     | C | > 480' | C | > 480'     | C | > 480'         | C | < 10'  |   | > 480'   |   | > 480' |   |
| > 480'     |   | > 480' |   | > 480'     |   | > 480'         |   | < 10'  |   | > 480'   |   | > 480' |   |



- Dålig passform
- Mekaniskt svag
- Ingen svetthantering
- Komforten inte den bästa
- Dålig taktilitet

**Kan detta förbättras?**





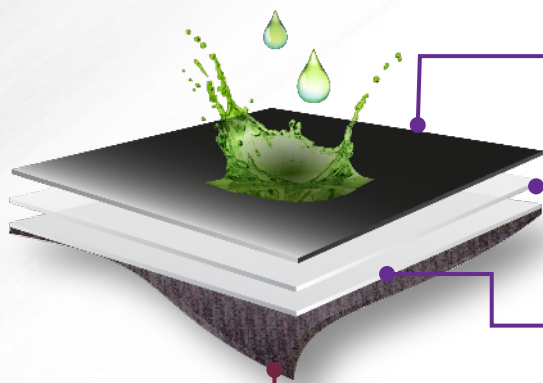
Innerhandske + Barriärhandske + Engångshandske = Funktionell lösning

# 3 handskar kombinerade till 1

## Låt oss titta på AlphaTec® 53-002 & 53-003

En handskkombination som kombinerar det bästa från gummi- och barriärteknologin för att erbjuda ett oöverträffat kemskydd med komfort, grepp, fingertoppskänsla och mekanisk styrka.

### AlphaTec® 53-002 – Utan liner



På- & avtagningslager  
utan friktion

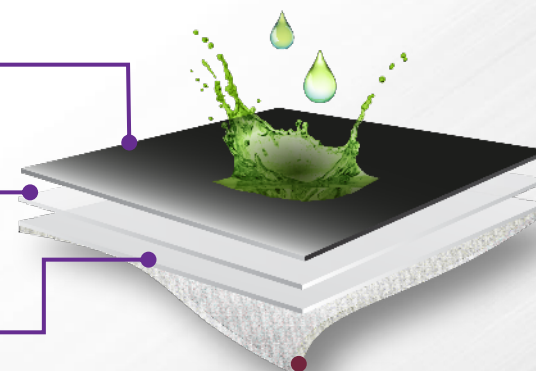
Neopren ytterlager

Syntetisk polymer-  
beläggning

Termoplastisk beläggning



### AlphaTec® 53-003 – Med liner



15-gauge nylon liner för  
svetthantering



BÅDA HANDSKARNA ERBJUDER SAMMA HÖGA KEMSKYDD



# Chemical Guardian

Ansell

Nitril

Latex

Neopren

PVC

PVA

Butyl

Barriär

NY 53-003

| Kemikalier               |           |                        |     |                                              | <input type="checkbox"/> Ta Bort | <input type="checkbox"/> Ladda Upp MSDS |
|--------------------------|-----------|------------------------|-----|----------------------------------------------|----------------------------------|-----------------------------------------|
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| <input type="checkbox"/> | 67-56-1   | (A) Methanol           | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                         |
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| <input type="checkbox"/> | 75-05-8   | (C) Acetonitrile       | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                         |
| <input type="checkbox"/> | 75-09-2   | (D) Dichloromethane    | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                         |
| <input type="checkbox"/> | 75-15-0   | (E) Carbon disulphide  | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                         |
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| <input type="checkbox"/> | 109-99-9  | (H) Tetrahydrofuran    | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                         |
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| <input type="checkbox"/> | 7732-18-5 | Vatten                 | 100 | <input checked="" type="checkbox"/> Flytande |                                  |                                         |

| 58-530.535 |   | 88-394 |   | 08-352.354 |   | 23-200.201.202 |   | 15-554 |   | 38-003   |   | 02-100 |   | 53-002.003 |   |
|------------|---|--------|---|------------|---|----------------|---|--------|---|----------|---|--------|---|------------|---|
| ...        |   | ...    |   | ...        |   | ...            |   | ...    |   | ...      |   | ...    |   | ...        |   |
| 56'        | C | 37'    | C | 193'       | C | 57'            | C | 5'     | C | > 480'   |   | 198'   | C | > 480'     | C |
| 6'         | C | 5'     | C | < 5'       | C | < 10'          |   | 101'   | C | > 480'   |   | > 480' | C | > 480'     | C |
| 5'         | C | 8'     | C | 28'        | C | 10-30'         |   | 330'   | C | > 480'   |   | > 480' | C | > 480'     | C |
| < 10'      |   | < 10'  |   | < 10'      |   | < 10'          |   | > 480' | C | 10-30'   |   | 65'    | C | 23'        | C |
| < 10'      |   | < 5'   | C | < 5'       | C | < 10'          |   | > 480' | C | < 10'    |   | > 480' | C | > 480'     | C |
| 19'        | C | < 10'  |   | < 5'       | C | 14'            | C | > 480' | C | 10-30'   |   | > 480' | C | > 480'     | C |
| 28'        | C | < 10'  |   | < 5'       | C | 16'            | C | 9'     | C | 10-30'   |   | > 480' | C | > 480'     | C |
| < 10'      |   | < 10'  |   | < 5'       | C | < 10'          |   | 52'    | C | 10-30'   |   | > 480' | C | > 480'     | C |
| 15'        | C | < 5'   | C | 10-30'     |   | < 10'          |   | > 480' | C | 240-480' |   | > 480' | C | > 480'     | C |
| > 480'     | C | < 10'  |   | 142'       | C | < 10'          |   | > 480' | C | 10-30'   |   | > 480' | C | > 480'     | C |
| > 480'     | C | > 480' | C | > 480'     | C | > 480'         | C | < 10'  |   | > 480'   |   | > 480' |   | > 480'     | C |
| 34'        | C | 269'   | C | 230'       | C | 120'           | C | < 5'   | C | > 480'   | C | > 480' | C | 156'       | C |
| 73'        | C | 10-30' |   | > 480'     | C | 120-240'       |   | < 10'  |   | > 480'   |   | > 480' | C | > 480'     | C |
| 42'        | C | 30-60' |   | 452'       | C | 171'           | C | < 10'  |   | > 480'   |   | 158'   | C | > 480'     | C |
| 288'       | C | 9'     | C | > 480'     | C | 10-30'         |   | < 10'  |   | > 480'   |   | 27'    | C | > 480'     | C |
| > 480'     | C | > 480' | C | > 480'     | C | > 480'         |   | < 10'  |   | > 480'   |   | > 480' |   | > 480'     | C |
| 160'       | C | > 480' |   | > 480'     | C | > 480'         | C | < 10'  |   | > 480'   |   | > 480' | C | > 480'     | C |
| > 480'     | C | > 480' | C | > 480'     | C | > 480'         | C | < 10'  |   | > 480'   |   | > 480' |   | > 480'     | C |
| > 480'     |   | > 480' |   | > 480'     |   | > 480'         |   | < 10'  |   | > 480'   |   | > 480' |   | > 480'     |   |



Ansell

# AlphaTec® 38-001/2/3

## New Generation Water Based Butyl

AlphaTec®



# Lösningsmedels- vs vattenbaserad butyl





# Låt oss titta närmare på AlphaTec® 38-001/2/3

Butyl-handskarna är vattenbaserade jämfört med traditonellt lösningsmedelsbaserade



Tjocklekar: 0,35 / 0,5 / 0,7 mm

Bättre grepp

Bättre passform

Mer komfortabla

Bättre taktilitet och flexibilitet

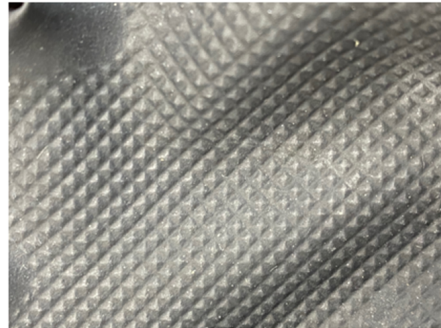
Bättre för miljön

Bättre kemskydd

| Chemical Name | 38-514 | 38-001 |
|---------------|--------|--------|
| Acetone       | 337    | >480   |
| Ethyl Acetate | 55     | 77     |
| MEK           | 76     | >480   |

# NY Butylgummi teknologi – Alphatec 38-001 - 3

# Alphatec 38-001



# Alphatec 38-514

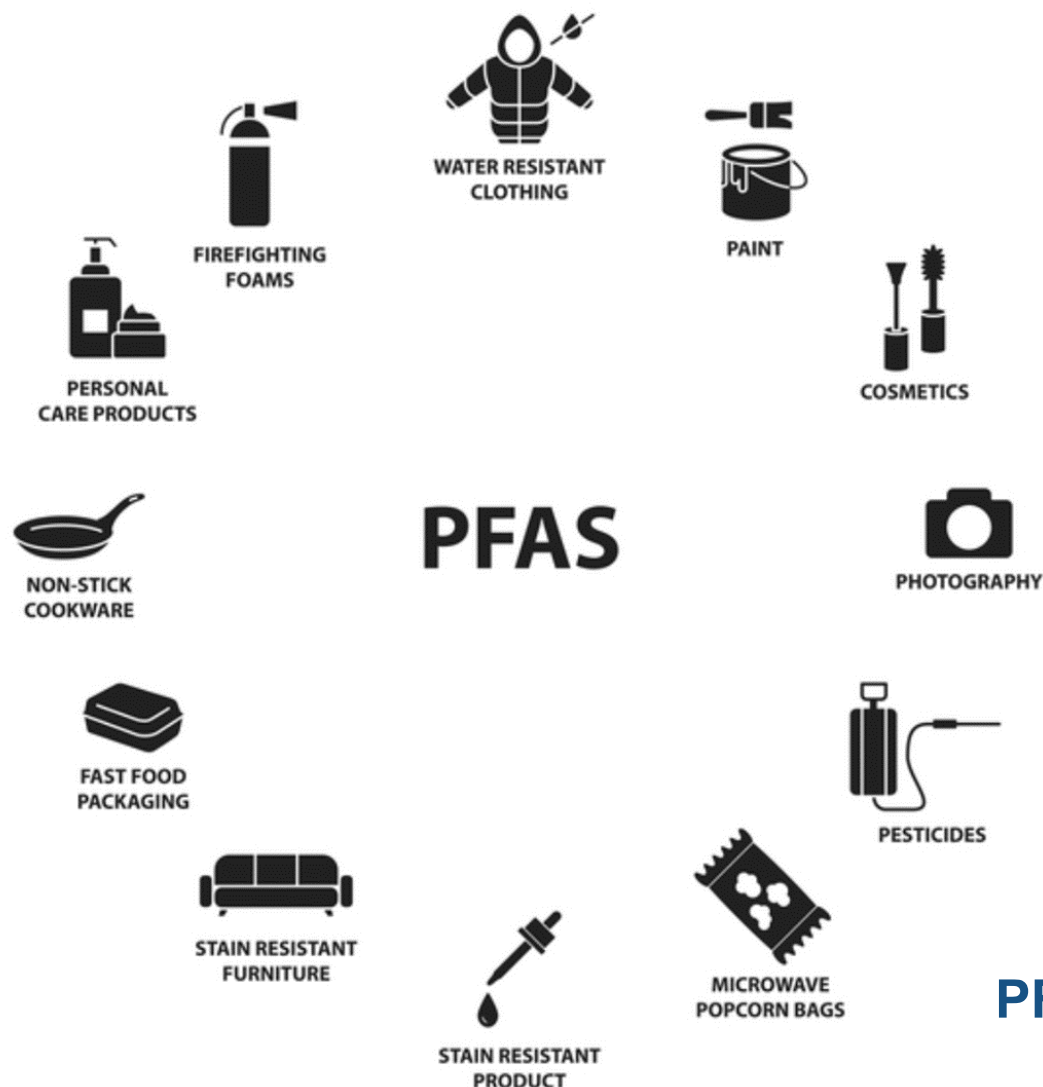




# Nya krav och regleringar kopplat till hållbarhetsarbete

Ansell





- 200 PFAS kemikalier förbjudna inom EU sedan 2023
- 4 700 definierade PFAS kemikalier
- I en bredare definition så räknas 10 000 kemikalier som PFAS
- Stora miljö- & hälsorisker

**PFAS = Per & - polyfluorerade alkylsubstanser**

# PFAS regleringar kommer att utökas



- **Försäkringsbolag vägrar försäkra PFAS-producenter**



## CALCULATING DAMAGES IN PFAS LAWSUIT SETTLEMENTS

Key areas of economic damage typically include:

- **Remediation Costs:** Expenses for cleaning up contaminated water and soil.
- **Medical Expenses:** Funding for health screening and medical treatment for affected individuals.
- **Property Value Loss:** Compensation for the depreciation of property values in contaminated areas.



- **Två PFAS-förlikningar 2024**
- **Utfall: \$11 miljarder**
- **Stor producent i EU av polymerer och gummi, bl a flouru elastomerer, stänger ner i Antwerpen.**



# ANSELL blir PFAS fritt företag 1/1-2026



HÉRCULES brandkläder innehåller membran med PFAS



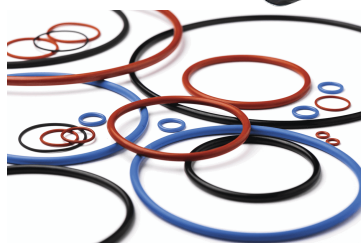
**Viton** (Flouroelastomer) kan innehålla små mängder PFAS-kemikalier som används som processhjälpmedel under tillverkningen

**Alphatec 38-612 och 38-628**  
Viton / Butyl handskar

# AlphaTec typ 1 dräkter påverkade av PFAS beslut



Alphatec EVO har ytskikt i Viton



O-ringar i Viton



AlphaTec SUPER har ytskikt i Viton



**Leading the world to a safer future.**

**[www.ansell.com](http://www.ansell.com)**