

The Ansell logo is located in the top left corner. It features the word "Ansell" in a bold, blue, sans-serif font. A green swoosh underline is positioned beneath the letters "n" and "s".

Ansell

The background of the entire page is a photograph of a man in an oil and gas setting. He is wearing a white hard hat with a logo, safety glasses, and a blue work shirt with reflective silver stripes. He is holding a thick, dark rope with both hands, wearing yellow and orange Ansell ActivArmor gloves. The background shows industrial equipment and a clear blue sky.

INDUSTRY GUIDE



OIL & GAS

ANSELL PROTECTION SOLUTIONS FOR INDUSTRY PROCESSES

Ansell is dedicated to worker safety: we provide a comprehensive range of hand, arm and body protection solutions to cover needs across many industries. Before selecting a product, ensure a risk assessment of the hazards has been conducted to determine that the product will provide an appropriate level of protection. Ansell Guardian® Chemical can be consulted to provide an assessment of the level of chemical protection offered by our products and may assist in the risk assessment. The determination of suitability of Ansell hand, arm and body protection solutions is the final responsibility of the user.

EN 388 – Mechanical protection

This standard applies to all kinds of protective gloves in respect of physical and mechanical aggressions caused by abrasion, blade cut, puncture and tearing.

Performance level rating		1	2	3	4	5	
 EN 388:2003 abcd	a Abrasion Resistance (Cycles)	100	500	2000	8000	–	
	b Blade Cut Resistance (Coupe Test/Index)	1.2	2.5	5.0	10.0	20.0	
	c Tear Resistance (Newtons)	10	25	50	75	–	
	d Puncture Resistance (Newtons)	20	60	100	150	–	
Expanded performance level rating according to EN 388:2016 (a–f)		A	B	C	D	E	F
 EN 388:2016 abcdef	e EN ISO Cut Resistance (Newtons)	2	5	10	15	22	30
	f EN Impact Protection	PASS or FAIL					

Note: Level X can also be applied for a through e above, which means “not tested” or “not applicable”

EN 388:2016: main changes from the previous EN 388:2003 standard

1. ABRASION

New abrasion paper used in testing.

2. CUT






New procedure for Coupe Test which also determines if dulling occurs. If dulling occurs, the new EN ISO 13977 test method becomes the reference whilst the Coupe Test would only be indicative.


3. IMPACT

Test method for areas claiming impact protection. “P” for pass whilst no code will apply in case of fail.

EN ISO 374 – Chemical protection and/or protection against micro-organisms

This standard specifies the capability of gloves to protect the user against chemicals and/or micro-organisms.

Micro-organisms								
<div>EN 374:2003</div> <div></div> <div>EN level ≥ 2</div> <div>EN ISO 374-5:2016</div> <div></div> <div>VIRUS</div>	Performance levels	1	2	3				
	<p>Old: AQL (Acceptable Quality Level) for liquid penetration. A high index number is poor and a low index number is good. Gloves need to pass water and air leak test, and this test method remains unchanged as per the new EN ISO 374 standard.</p> <p>New: in addition to testing for protection from bacteria and fungi, each glove can be tested for its protection against viruses with a new viral penetration test.</p>	4.0	1.5	0.65				
Chemical protection								
<div>EN 374:2003</div> <div></div> <div>XYZ</div> <div>EN ISO 374-1:2016</div> <div>Type C</div> <div></div> <div>Type B</div> <div>XYZ</div> <div>EN ISO 374-1:2016</div> <div>Type A</div> <div></div> <div>UVW XYZ</div>	<p>Old: breakthrough time > 30 minutes for at least three chemicals from this list (XYZ represent the code letters for three of these chemicals for which the glove obtained > 30 minutes breakthrough time).</p> <p>New:</p> <p>Type C At least Level 1 performance (more than 10 minutes) against at least one chemical on the list – cuffs are also tested.*</p> <p>Type B At least Level 2 performance (more than 30 minutes) against at least three chemicals on the list – cuffs are also tested.*</p> <p>Type A At least Level 2 performance (more than 30 minutes) against at least six chemicals on the list – cuffs are also tested.*</p>	<p>A. Methanol B. Acetone C. Acetonitrile D. Dichloromethane E. Carbon disulphide F. Toluene</p> <p>Additional chemicals</p> <p>M. Nitric acid 65% N. Acetic acid 99% O. Ammonium hydroxide 25%</p>	<p>G. Diethylamine H. Tetrahydrofurane I. Ethyl acetate J. n-Heptane K. Sodium hydroxide 40% L. Sulphuric acid 96%</p> <p>P. Hydrogen peroxide 30% S. Hydrofluoric acid 40 % T. Formaldehyde 37%</p>					
	Performance level	0	1	2	3	4	5	6
	Minutes	< 10	10	30	60	120	240	> 480

 The beaker icon (low chemical resistance/waterproof) has been eliminated.

* Only if the glove is >= 40 cm



OIL & GAS INDUSTRY PROCESSES



1. DRILLING

Applications:

- Engagement and release of drillstring slips
- Chaining up pipes
- Installation and dismantling of rigs

User needs:

- Impact protection
- Oil protection
- Heavy tool handling



EDGE® 48-205



ActivArm® 97-125



RINGERS R-179



AlphaTec® CFR
(ex. MICROCHEM®)



2. WIRELINE SERVICES

Applications:

- Makeup and breakout tools
- Running tools into the wellbore
- Handling explosives

User needs:

- Cut resistance
- Impact protection
- Flexibility and grip



ActivArm® 97-125



EDGE® 48-205



HyFlex® 11-939



RINGERS R-065



3. CASING

Applications:

- Assembly and disassembly of large pipes
- Engagement and release of drillstring slips
- Unloading and stacking pipe

User needs:

- Impact protection
- Abrasion resistance
- Comfort



ActivArm® 97-125



EDGE® 48-205



ActivArm® 97-120



RINGERS R-068



4. COILED TUBING

Applications:

- Preparation of site/set-up and disassembly of tool string
- Set-up of pressure manifold and tubing injector head
- General pumping work

User needs:

- Abrasion protection
- Oil protection
- Comfort



ActivArm® 97-125



EDGE® 48-205



HyFlex® 11-939



RINGERS R-169



5. PRESSURE PUMPING

Applications:

- Preparation of site/unloading of lines and valves
- Handling iron/rigging work
- Handling of tools

User needs:

- Chemical resistance
- Abrasion protection
- Flexibility and grip



EDGE® 48-205



ActivArm® 97-120



ActivArm® 97-125



RINGERS R-176



AlphaTec® 3000
(ex. MICROCHEM®)



6. PRODUCTION SERVICE

Applications:

- Environmental clean-up and remediation
- Handling iron
- Valve/line maintenance and repair

User needs:

- Dry, wet and oily grip
- Liquid barrier
- High visibility



ActivArm® 97-120



HyFlex® 11-939



HyFlex® 11-925



RINGERS R-065



AlphaTec® 4000
(ex. MICROCHEM®)



7. SHOP AND LAB WORK

Applications:

- Drilling assembly and completion
- Handling jagged metal
- Mixing or loading chemicals

User needs:

- Chemical resistance
- Dexterity
- Flexibility and grip



ActivArm® 97-120



HyFlex® 11-939



AlphaTec® 58-535W



AlphaTec® Solvex 37-675



RINGERS R-068



8. INFRASTRUCTURE CONSTRUCTION

Applications:

- Heavy machinery operation
- Equipment maintenance
- Pipe handling and installation

User needs:

- Dry and wet grip
- Comfort and dexterity
- Cut resistance



ActivArm® 43-216



HyFlex® 11-425



HyFlex® 11-939



RINGERS R-665

* There will be a transitional period where there will be a mix of old and newly branded products in the market. Functionality and performance of the products will remain unchanged, the current products and the new ones have the same quality and same protection.

GET MORE PRODUCT INFORMATION ONLINE

Our new website provides content rich of information on safety, solutions, documents and downloads, regulatory and company information with simple navigation of our full portfolio of hand, arm and body protection solutions.

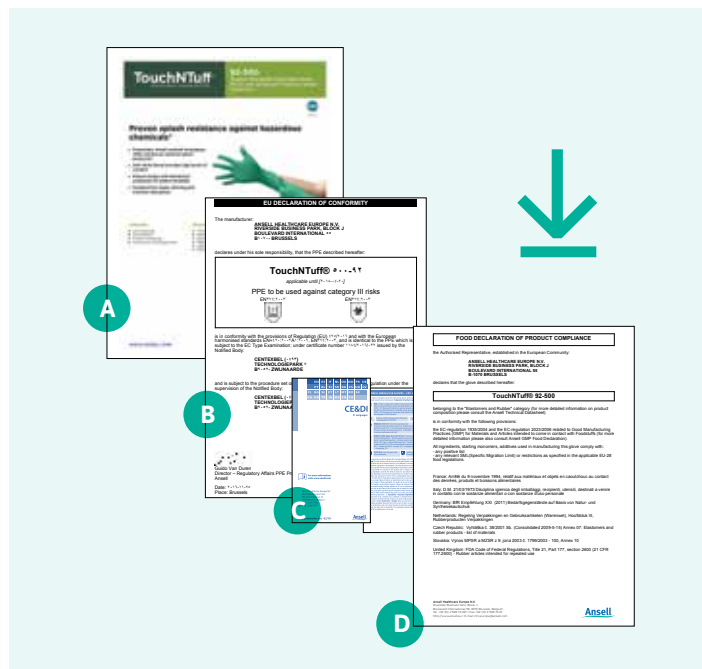
➔ www.ansell.com/industrial

PRODUCT INFORMATION



Your search options also include various downloadable data sheets:

- A Product sheets
- B EU declarations conformity
- C Instructions for use
- D Food declarations of product conformity



INDUSTRIAL SECTION

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