

Product Data Sheet - Standard Report

NO: TR1010105

Manufacturer	SANDEKS İTHALAT İHRACAT TİC. VE Y. İÇİ- Y. DIŞI NAK. LTD.ŞTİ. Yaylacık Mh. 37. (470) Sk. No:9/1 Nilüfer/BURSA
Address	BURSA-TURKEY
Sample Definition	Protective clothing - protective clothing against infective agents (Type 3, Type 4, Type 5, Type 6)
Standards	EN 14126, EN 14325, EN 13982-1, EN 13034, EN 14605

EN 14126			
Item No	Necessity		
4.	Requirements		
4.1	Materials requirements		
4.1.1	General		
If the care in structions indicate that the clothing can be cleaned and clothing reprocessed at least five times, protective serials shall be submitted to five cleaning and cycles mat reprocessing according to the manufacturer's care before testing. instructions			
4.1.2	Mechanical and flammability requirement		
The materials shall be tested and classified in accord classification system specified in the relevant clauses of E			
Test Methods		& Performance Classification of C	
		Abrasive Resistance	Flex Cracking
Test Method			
		EN 530	EN ISO 7854 asurement
Unit Of Me			
Class 6			
Class 5		Cycles	Cycles
Class 4		>2,000	>100,000
Class 3		>1,500	>40,000<100,0
Class 2		<2,000	
Class 1		>1,000	>15,000 <40,0
		<1,500	
		>500 <1,000	>5,000 <15,000
		>100 <500	>2,500 <5,000
		>10 <100	>1,000 <2,500
Abrasive Re Flex ;istance: g: Tear: length: assistance: Cracking Trapezoidal Tensille Street Puncture Re			
4.1.3	Chemical Requirements		
If protection against chemicals is claimed, the materials shall be tested and classified in accordance with the tes methods and performance classification system specified in the relevant clauses of EN 14325			

4.1.4	Performance Requirements Again																
4.1.4.1	Resistance To Penetration By Contaminated Liquids Under Hydrostatic Pressure																
When tested in accordance with ISO/FDIS 16603 and ISO/FDIS 16604 the material shall be classified according to the levels of performance given in Table 1, as obtained in the bacteriophage test (ISO/FDIS 16604). (Tests resistance to infectious agents that are transmitted in pressurised liquids such as body fluids) Table 1 - Classification of resistance to penetration by contaminated liquids under hydrostatic pressure (ISO/FDIS 16604) <table border="1"> <thead> <tr> <th>Class</th><th>Hydrostatic pressure at which the material passes the test</th></tr> </thead> <tbody> <tr> <td>Class 6</td><td>20 kPa</td></tr> <tr> <td>Class 5</td><td>14 kPa</td></tr> <tr> <td>Class 4</td><td>7 kPa</td></tr> <tr> <td>Class 3</td><td>3,5 kPa</td></tr> <tr> <td>Class 2</td><td>1,75 kPa</td></tr> <tr> <td>Class 1</td><td>0 kPa</td></tr> </tbody> </table> ^{a)} This means that the material is only exposed to the hydrostatic pressure of the liquid in the test cell				Class	Hydrostatic pressure at which the material passes the test	Class 6	20 kPa	Class 5	14 kPa	Class 4	7 kPa	Class 3	3,5 kPa	Class 2	1,75 kPa	Class 1	0 kPa
Class	Hydrostatic pressure at which the material passes the test																
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Resistance to penetration by contaminated liquids under hydrostatic pressure.		Class: 6 (24.50 kPa)															
		Uygun ☒ Fulfilled	Uygun Değil ☐ Unfulfilled														
		Uygulanamaz ☐ N/A															
4.1.4.2	Resistance to penetration by infective agents due to mechanical contact with Substances containing contaminated liquids.																
When tested in accordance with Annex A the material shall be classified according to the levels of performance given in Table 2. Table 2 - Classification of resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids <table border="1"> <thead> <tr> <th>Class</th><th>Breakthrough time, t min.</th></tr> </thead> <tbody> <tr> <td>Class 6</td><td>t > 75</td></tr> <tr> <td>Class 5</td><td>W"</td></tr> <tr> <td>Class 4</td><td>W"</td></tr> <tr> <td>Class 3</td><td>W"</td></tr> <tr> <td>Class 2</td><td>W"</td></tr> <tr> <td>Class 1</td><td>" GDNLND</td></tr> </tbody> </table>				Class	Breakthrough time, t min.	Class 6	t > 75	Class 5	W"	Class 4	W"	Class 3	W"	Class 2	W"	Class 1	" GDNLND
Class	Breakthrough time, t min.																
Class 6	t > 75																
Class 5	W"																
Class 4	W"																
Class 3	W"																
Class 2	W"																
Class 1	" GDNLND																
Breakthrough time		t:65 / t:78 (Class 5 to 6)															
		Uygun ☒ Fulfilled	Uygun Değil ☐ Unfulfilled														
		Uygulanamaz ☐ N/A															

4.1.4.3	Resistance to penetration by contaminated liquid aerosols		
When tested in accordance with ISO/DIS 22611 the material shall be classified according to the levels of performance given in Table 3.			
Table 3 - Classification of resistance to penetration by contaminated liquid aerosols.			
Class		Penetration ratio (log)	
Class 3		$\log > 5$	
Class 2		$3 < \log < 5$	
Class 1		$1 < \log < 3$	
Resistance to penetration by contaminated liquid aerosols		Class 3 (Log 8.00)	
		Uygun ☒ Fulfilled	Uygun Değil ☐ Unfulfilled
		Uygulanamaz ☐ N/A	
4.1.4.4	Resistance to penetration by contaminated solid particles.		
When tested in accordance with ISO/DIS 22612 the material shall be classified according to the levels of performance given in Table 4.			
Table 4 - Classification of resistance to penetration by contaminated solid particles.			
Class		Penetration (log cfu)	
Class 3		<1	
Class 2		$1 < \log cfu < 2$	
Class 1		$2 < \log cfu < 3$	
Resistance to penetration by contaminated solid particles.		Class 3 (0.68)	
		Uygun ☒ Fulfilled	Uygun Değil ☐ Unfulfilled
		Uygulanamaz ☐ N/A	
4.2	Performance requirements for clothing with liquid		
EN 14605			
Protective clothing against liquid chemicals - Performance requirements for clothing with liquid			
Requirement		Assessment and Conclusion	
Type:3 Jet Test			
Method: Method defined by EN ISO 17491- 3:2008		PASS 0"o Type 3)	
Type 4 Spray Test			
Method: Method defined by EN ISO 17491- 4:2008 Method B		PASS 0"o Type 4)	

4.2	Performance requirements for seams, joins and assemblages		
Seams, joins and assemblages of protective clothing against infective agents shall fulfil the requirements specified in the relevant clauses of EN 14325 Seam strength shall be classified according to 5.5 of EN 14325 Three flat specimens will be tested from each stitch type and three specimen sets will be calculated. Garment stitching performance should be classified according to the performance levels given in Table 13 using the lowest result, the weakest stitch type. The test method described in EN ISO 13935-2 applies to straight seams joining two pieces of material.			
Table 13 - Classification of seam strength			
Class		Seam strength (N)	
Class 6		> 500	
Class 5		> 300	
Class 4		> 125	
Class 3		> 75	
Class 2		> 50	
Class 1		> 30	
Classification of seam strength:		520 N (Class 6), 340 N (Class 5)	
		Uyğun ☒ Fulfilled	Uyğun Değil ☐ Unfulfilled
		Uygulanamaz ☐ N/A	
4.2	Whole requirements		
Protective clothing against infective agents shall fulfil the relevant requirements of EN ISO 13688 and the whole suit requirements specified in the relevant standard for chemical protective clothing.		The sample meets the standard requirements. (EN ISO 13982-1, EN 13034, EN 14605) (After testing in accordance with the movements defined in clause 4.3.2 of EN ISO 13982-1: 2004, no damage to the suit was observed.)	
Type of clothing	Relevant standard		
Type 1 a, Tip 1 b, Tip 1 c, Tip 2	EN 943-1 (EN 943-2)		
Type 3	EN ISO 17491-3		
Type 4	EN ISO 17491-4		
Type 5	EN ISO 13982-1		
Type 6	EN 13034		
Partial body protection	EN 467	Uyğun ☒ Fulfilled	Uyğun Değil ☐ Unfulfilled
		Uygulanamaz ☐ N/A	
The materials and design used shall not cause skin irritation nor have any adverse effect to health.		The materials and design used shall not cause skin irritation nor have any adverse effect to health.	
		Uyğun ☒ Fulfilled	Uyğun Değil ☐ Unfulfilled
		Uygulanamaz ☐ N/A	

- This document has been prepared at the request of the company.
- The conformity of the information and values given to the standard has been reported. This evaluation has been
- checked for compliance with the requirements of the standard. Engineering service was provided with this
- report.

Preparing the document

M. Celalettin Taşoluk



	*Chest	*Height
S	120	165
M	125	169
L	130	173
XL	135	178
2XL	140	181
3XL	145	188

* (cm)



The sample meets the standard tolerance requirements.

		Uygun ☒ Fulfilled	Uygun Değil ☐ Unfulfilled	Uygulanamaz ☐ N/A
5	Marking			
Marking should be appropriate.		Appropriate marking was observed on the sample.		
		Uygun ☒ Fulfilled	Uygun Değil ☐ Unfulfilled	Uygulanamaz ☐ N/A
6	Information supplied the manufacturer			
User information must be provided.		User instructions are seen.		
		Uygun ☒ Fulfilled	Uygun Değil ☐ Unfulfilled	Uygulanamaz ☐ N/A