

DEKOSAFE

The material Dekosafe is a novell high performance 4-layer polypropylene nonwoven, certified by the well recommended Saxon Textil Research Institute in Chemnitz. The levels of abrasion resistance, tear resistance and seam strength are much higher than sufficient to provide long durability of the garment. Depending on the material construction, heat stress and discomfort could be reduced enormously despite the very high particle barrier and repellency against many liquid chemicals and aerosols.

Performance profil of DEKOSAFE & DEKOSAFE PLUS

Physical data	Unit	Result	Test method	Grade
Weight	g/m2	55	ERT 40.3-90	
Air-permeability	l/m2/s	350	ERT 140.1-81	
Hydrostatic head	mm	370	ERT 120.1-80	
Abrasion resistance	Cycles	300	EN530	2
Blocking		No blocking	ISO5978	2
Flex cracking resistance	Cycles	>100000	ISO 7854	6
Puncture resistance	N	9,7	EN863	1
Mullen burst strength	KPa	64	ISO 2960	1
Tear resistance	N	MD33,8/XD72,1	ISO9073-4	1
Seam strength	N	>100	ISO5082 A2	3
Spraytest coverall type 6			EN468 mod.	o.k.
Whole-Suit-Test (dust) type 5			CEN TC162/ WG3/N293	o.k.
Spec. Surface resistivity inside/outside	G Ohm	20/20	EN 1149-1	o.k.
Penetration resistance	P	R	DINEN 368	P R
H2SO4 30%	0	97,1		3 3
NaOH 10%	0	98,3		3 3
n-Heptane	28,1	0		0 0
Isopropanol	23,6	20,3		0 0
Particle penetration (material)	mg	<1	CEN/TC162/ WG3/TG3 N80	1
Inflammability		No drop forming, self extinguishing, post-burning time < 5s	EN 1146	

P = Penetration index (% penetrated); R = Repellency index (%repelled);
Remark: For further information concerning the barrier performances please contact WODES®.

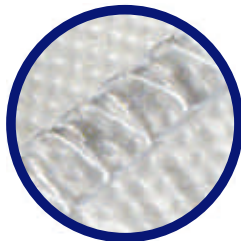
Limitations of use

Please ensure that you have chosen the right garment suitable for your job. DEKOSAFE & DEKOSAFE PLUS coveralls offer no penetration resistance against solvents (like n-Heptane and Isopropanol). For advice, please contact your supplier of the garment WODES®. The user shall be the sole judge for correct combination of full body protective coverall and ancillary equipment (gloves, boots, respiratory protective equipment, etc.) and for how long DEKOSAFE & DEKOSAFE PLUS coveralls can be worn with respect to its protective performance, wear comfort and heat stress. WODES® shall not accept any responsibility whatsoever for improper use of DEKOSAFE & DEKOSAFE PLUS coveralls.

DEKOSAFE
with mao collar

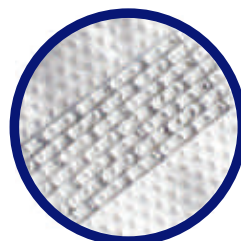
DEKOSAFE PLUS
with hood

TYPE
5/6



DEKOSAFE II
welded with hood

TYPE
5/6



7 Arguments to choose coveralls WODES® (Category III)

1. Ergonomic design of the hood
2. Well fitted closure
3. Doubled zip cover (inside - outside); Typ4 with adhesive
4. Elastic arms, wrists, ankles and back taille
5. No seams on top of arms and shoulders
6. Special 4-layer polypropylene nonwoven High protection and comfort
7. Perfect design also at critical points

