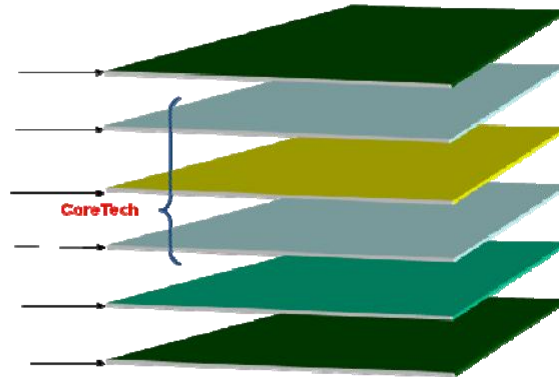


Gas Tight CBRN Body Bag

CoreTech™ Pro
by Saint-Gobain Performance Plastics; Patent Pending



PERFORMANCE DATA

Property	Method	Requirement	Result
GAS TIGHT INTEGRITY	ASTM F1052	≥80 MM H2O	88.9
FLAMMABILITY RESISTANCE AFTER FLAME	ASTM F1358	≤10 SECONDS	0.0
FLAMMABILITY RESISTANCE CHAR LENGTH	ASTM F1358	≤100 MM	63.5
FLAMMABILITY RESISTANCE NO MELT OR DRIP	ASTM F1358	UP TO 12 SECONDS	PASS
BURST STRENGTH	ASTM D751	> 200 N	774
PUNCTURE PROPAGATION TEAR RESISTANCE	ASTM D2582	> 49 N	106
COLD TEMPERATURE PERFORMANCE	NFPA 8.12	≤0.057 NM	0.009
CLOSURE BREAKING STRENGTH	ASTM D751	> 2.88 KN/M	7.065
LIQUID TIGHT INTEGRITY	NFPA 8.3	NO PENETRATION	PASS
VIRAL PENETRATION RESISTANCE	NFPA 7.1.2.7	NO PENETRATION	PASS
ABRASION	EN 530 METH 2	>1000 CYCLES/4	>2000 CYCLES/6
FLEX CRACKING	ISO 7854 METH B	>1000 CYCLES/1	>15,000 CYCLES/4
FLEX CRACKING -30 DEG C	ISO 7854 METH B @ 30	>200 CYCLES/2	>200 CYCLES/2
TRAPEZOID TEAR	ISO 9073-4	>40 N/3	80 N/4
TENSILE STRENGTH	ISO 13934-1	250 N/4	608.8 N/5
PUNCTURE	EN 863	>10 N/2	54.7 N/3
IGNITION	EN 13274-4 METH 3	PASS THROUGH FLAME 1 SEC/1	5 SEC FLAME/3
SEAM STRENGTH	ISO 13935-2, A.2	>300 N/5	592.3 N/5
STRENGTH OF DETACHABLE PARTS/ATTACHMENTS	EN 943-1,6.5	≥100 N	>100 N

CHEMICAL TEST DATA

Chemical/Agent	Test Method	Material	
Seam			
ACETONE	ASTM F739/EN374-3	>480	
>480			
ACETONITRILE	ASTM F739/EN374-3	>480	
>480			
AMMONIA	ASTM F739/EN374-3	>480	
>480			
1,3-BUTADIENE	ASTM F739/EN374-3	>480	
>480			
CARBON DISULPHIDE	ASTM F739/EN374-3	>480	
>480			
CHLORINE	ASTM F739/EN374-3	310	
>480			
DICHLOROMETHANE	ASTM F739/EN374-3	>480	
>480			
DIETHYL AMINE	ASTM F739/EN374-3	>480	
>480			
DIMETHYL FORMAMIDE	ASTM F739/EN374-3	>480	
>480			
ETHYL ACETATE	ASTM F739/EN374-3	>480	
>480			
ETHYLENE OXIDE	ASTM F739/EN374-3	>480	
>480			
HEPTANE	EN374-3	>480	
>480			
HEXANE	ASTM F739/EN374-3	>480	
>480			
HYDROGEN CHLORIDE	ASTM F739/EN374-3	>480	
>480			
METHANOL	ASTM F739/EN374-3	>480	
>480			
METHYL CHLORIDE	ASTM F739/EN374-3	>480	
>480			
NITROBENZENE	ASTM F739/EN374-3	>480	
>480			
SODIUM HYDROXIDE	ASTM F739/EN374-3	>480	
>480			
SULPHURIC ACID	ASTM F739/EN374-3	>480	
>480			
TETRACHLOROETHYLENE	ASTM F739/EN374-3	>480	
>480			
TETRAHYDROFURAN	ASTM F739/EN374-3	>480	
>480			
TOLUENE	ASTM F739/EN374-3	>480	
>480			
CYANOGEN CHLORIDE (CK)	ASTM F739	>60	
>60			
CARBONYL CHLORIDE (CG)	ASTM F739	>60	
>60			
HYDROGEN CYANIDE (HCN)	ASTM F739	>60	
>60			
DIMETHYL SULPHATE	ASTM F739	>480	
>480			
SARIN (GB)	<0.125 MG/GM ² AFTER 1 HR	0.001	
0.001			
DISTILLED MUSTARD (HD)	< 4.0 MG/CM ² AFTER 1 HR	0.023	
0.003			