



HALO FABRIC PERFORMANCE

				HALO360		HALOSPZ	
NFPA 1971, 2018 REQUIREMENT				HALO 360 C6	HALO 360 NB	HALO SPZ C6	HALO SPZ NB
PARTICULATE BLOCKING EFFICIENCY	≥ 90%	EACH PARTICLE SIZE	AS RECEIVED AFTER 10 WASHINGS	99.99% 99.99%	99.99% 99.99%	99.99% 99.99%	99.99% 99.99%
THERMAL PROTECTIVE PERFORMANCE (TPP)	≥ 20		AS RECEIVED AFTER 5 WASHINGS	22 CAL/CM2 28 CAL/CM2	26 CAL/CM2 28 CAL/CM2	22 CAL/CM2 28 CAL/CM2	26 CAL/CM2 28 CAL/CM2
TOTAL HEAT LOSS (THL)	≥ 325		AS RECEIVED	377	387	377	387
MATERIAL BURST STRENGTH	≥ 225 N	KNIT FABRIC PARTICULATE LAYER	AS RECEIVED AS RECEIVED	383 N 364 N	349 N 364 N	383 N 364 N	349 N 364 N
AFTERFLAME	≤ 2 SECONDS	KNIT FABRIC KNIT FABRIC PARTICULATE LAYER PARTICULATE LAYER	AS RECEIVED AFTER 5 WASHINGS AS RECEIVED AFTER 5 WASHINGS	0 SECONDS 0 SECONDS LESS THAN 1 SECOND LESS THAN 1 SECOND	0 SECONDS 0 SECONDS LESS THAN 1 SECOND LESS THAN 1 SECOND	0 SECONDS 0 SECONDS LESS THAN 1 SECOND LESS THAN 1 SECOND	0 SECONDS 0 SECONDS LESS THAN 1 SECOND LESS THAN 1 SECOND
CHAR LENGTH (WALES X COURSES)	≤ 100MM	KNIT FABRIC KNIT FABRIC PARTICULATE LAYER PARTICULATE LAYER	AS RECEIVED AFTER 5 WASHINGS AS RECEIVED AFTER 5 WASHINGS	2 MM X 1 MM 2 MM X 1 MM 19 MM X 15 MM 11 MM X 6 MM	56 MM X 58 MM 56 MM X 57 MM 19 MM X 15 MM 11 MM X 6 MM	2 MM X 1 MM 2 MM X 1 MM 19 MM X 15 MM 11 MM X 6 MM	56 MM X 58 MM 56 MM X 57 MM 19 MM X 15 MM 11 MM X 6 MM
MELT OR DRIP	NO MELT, NO DRIP	KNIT FABRIC KNIT FABRIC PARTICULATE LAYER PARTICULATE LAYER	AS RECEIVED AFTER 5 WASHINGS AS RECEIVED AFTER 5 WASHINGS	NO MELT/ NO DRIP NO MELT/ NO DRIP NO MELT/ NO DRIP NO MELT/ NO DRIP	NO MELT/ NO DRIP NO MELT/ NO DRIP NO MELT/ NO DRIP NO MELT/ NO DRIP	NO MELT/ NO DRIP NO MELT/ NO DRIP NO MELT/ NO DRIP NO MELT/ NO DRIP	NO MELT/ NO DRIP NO MELT/ NO DRIP NO MELT/ NO DRIP NO MELT/ NO DRIP
SEAM BREAKING STRENGTH	≥ 181 N			843 N	971 N	838 N	834 N
HEAT AND THERMAL SHRINKAGE RESISTANCE	≤ 10%		AS RECEIVED AFTER 5 WASHINGS	LESS THAN 1% LESS THAN 1%	LESS THAN 1% LESS THAN 1%	LESS THAN 1% LESS THAN 1%	LESS THAN 1% LESS THAN 1%
CLEANING SHRINKAGE RESISTANCE	≤ 5%		AFTER 5 WASHINGS	LESS THAN 1%	LESS THAN 1%	LESS THAN 1%	LESS THAN 1%