

PRODUCT DATA SHEET

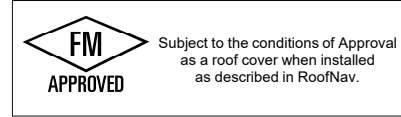
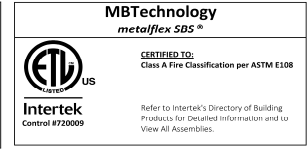
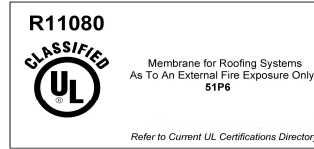
metalflexSBS

MF160WCU Copper

Fire Rated SBS Modified Cap Sheet

Copper Foil Surface

High Tensile Strength Fiberglass Scrim Reinforced



USAGE: Cap Sheet / Flashing
APPLICATION: Heat Weld, Hot Asphalt
PACKAGING: Paper Wrapped
 25 rolls/pallet

	UNIT	STANDARD				MF160WCU	
		ASTM-D6298	ASTM-D6163 Grade S				
			Type 1	Type 2	Type 3		
Reinforcement	-	High Tensile Strength Fiberglass Scrim (Non-Woven, Asbestos-Free)					
Top Surfacing	-	Copper Foil (99.9% minimum CU)					
Bottom Surfacing	-	Sand					
Roll Coverage	Squares	1 Overall AREA: 110 square feet					
Selvage Width	inches	3.625					
Roll Weight	lbs	-	-	-	-	113	
Roll Length	ft + inches	-	-	-	-	33' 4"	
Roll Width	inches	-	-	-	-	39.625	
Thickness	mil	134	80	80	80	148	
Net Mass	lbs/100ft ²	80	45	45	45	102	
Peak Load at 23°C	MD	lbs/in	85	30	80	150	MD 116
	CD						CD 120
Peak Load at -18°C	MD	lbs/in	160	70	150	180	MD 184
	CD						CD 183
Elongation at Peak Load at 23°C	MD	%	5	2	4	3	MD 6
	CD						CD 8
Elongation at Peak Load at -18°C	MD	%	3	1	2	2	MD 5
	CD						CD 6
Ultimate Elongation at 23°C	MD	%	25	3	40	2	MD 45
	CD						CD 54
Tear Strength at 23°C	MD	lbf	120	35	110	210	MD 228
	CD						CD 249
Low Temp Flexibility	MD	°C	-18	-18	-18	-15	MD -18
	CD						CD -18
Dimensional Stability	% max	0.2	0.5	0.5	0.5		0.1
Compound Stability	°C	107	102	102	91		107
Cyclic Thermal Shock	mm/m max	0.2	-	-	-		0.08

Ultimate Elongation is reported at point where load has dropped down to 5% of its original peak.

ADDITIONAL INFORMATION					
LEED®	Recycled Content: 0%		Solar Reflectance	Thermal Emittance	(SRI)
	Production Location:		ASTM-E903	ASTM-E408	Solar Reflective Index
	Fresno, California U.S.A.	MF160WCU Copper	0.74	0.05	65

Values are for Reference Only. Not tested to C1549 / C1371.



188 S. Teilman Avenue Fresno, California 93706-1334 U.S.A.
 Toll Free: 800-621-9281 Fax: 559-233-4607 www.mbtechnology.com

WARNING: This product can expose you to chemicals including benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
ADVERTENCIA: Este producto puede exponerle a químicos incluyendo benceno, que es conocido por el Estado de California como causante de cáncer y defectos de nacimiento u otros daños reproductivos. Para mayor información visite www.P65Warnings.ca.gov

