



Welded Wire Mesh Specifications

- Welded mesh fence fabric shall consist of 10 gauge (0.135 inch diameter) carbon steel with vertical wires at 3-inch centers and horizontal wires of the same size at 0.5-inch centers.

- Each wire shall be welded at each wire junction, then hot dip galvanized to meet the standard of ASTM-A123.

- Welded mesh fabric fence shall meet the following specifications:

- 1) Cross Wire Mesh Spacing - 1/2 inch +/- 1/32 inch, center-to-center
- 2) Line Wire Mesh Spacing - 3 inch +/- 1/32 inch, center-to-center
- 3) Panel Spacing - As required
- 4) Squareness - Diagonal difference over 4 foot length shall not exceed 5/8 inch
- 5) Weld Shear - 500 lbs nominal using ASTM-A185
- 6) Wire Tensile Strength - 70,000-95,000 PSI using ASTM-A82; A853
- 7) Wire Breaking Strength - No less than 1,000 lbs
- 8) Wire Chemistry - Low carbon steel wire as specified in ASTM-A853
- 9) Coating - Hot dip galvanized - 1.2 ounces per square foot, exceeding ASTM-A123
- 10) Manufactured by C.E. Shepherd Co., LP or approved equal.

C.E. Shepherd Co., LP
 2221 Canada Dry Street
 Houston, TX 77023
 (713) 924-4300

LET	DATE	BY	REV		
DIMENSIONS IN INCHES UNLESS NOTED				C.E. Shepherd Co.	
TOLERANCES UNLESS NOTED:				2221 CANADA DRY ST. HOUSTON, TEXAS 77023	
FRACTIONAL	+ or -	1/64	DATE	5/12/16	REV. LIT.
DECIMAL	.XX	.03	APP. BY	RAB	NTS
+ OR	-.XXX	.005	DATA EMBODED PROPRIETARY INFORMATION WHICH IS CONFIDENTIAL PROPERTY		
	.XXXX	.0005	Sh. 1 of 1		
ANGULAR	+/-	1/2°	Welded Wire Mesh Specifications - 3"x0.5" 10-ga Mesh		
FILE	FILE	MATERIAL		A NO.	