

Technical Requirements for
CARBON FILM, A4 size

PRODUCT SPECIFICATIONS

- Material : Polyethylene Film
- Color : black
- Size : 210mm x 297mm (+2mm)
- Brand shall be printed on the item

EVIDENCE AND VERIFICATION

- One (1) box of 100 sheets shall be submitted to the BAC during opening of bids for verification of the product specifications.

PERFORMANCE TEST

Shall conform with the required performance tests:

- **Serviceability or Wear Down Test : using Electronic Typewriter (refer to Annex "A")**
 - Clarity of impressions made shall not be less than twenty-five (25) lines
- **Manifold Test: using Electronic Typewriter (refer to Annex "A")**
 - Shall be able to produce at one time at least eight (8) carbon copies that are legible
- Lay flat, no smudge, no curl
- No trace of carbon offsetting on duplicate copies

PACKAGING

- One hundred (100) sheets per box
Fifty (50) boxes per carton

MARKING/LABELING

- **Shall conform with the Consumer Act of the Phil. (RA 7394)**

REFERENCES

- none

Annex "A"

Performance Test (Carbon Film): Carbon Film, A4 and Legal

- Serviceability Test or **Wear Down Test**: using Electronic Typewriter
 - Clarity of impressions made not less than **twenty five (25) lines**.

Procedure:

1. This test shall be done using an Electronic Typewriter;
 2. A 70 gsm Multipurpose film, first sheet and an Onion Skin film as copy sheet, shall be used in making the test;
 3. A piece about one by two inches of the carbon film to be tested shall be securely fastened to the sheet so that the coated side of the sample will come in contact with the copy sheet in accordance with the procedure as stated in the Annex.
 4. After two sheets have been placed in the Electronic Typewriter the first sheet carrying the carbon film shall be securely fastened to the back of the carriage in any suitable way so that the first sheet will not move while the platen is turned for spacing lines;
 5. The platen shall be turned slightly to pull the first sheet taut;
 6. The line of **C's** shall be written across the space where the carbon film is fastened, the copy sheet shifted a line and another line of **G's** shall be written over the same portion of the sample. **Twenty five (25) lines** shall be written in this way. The carbon film shall make not fewer than the required number of carbon copies that are **clean, legible, and of good intensity**;
 7. On examining the sheet, the operator or evaluator must not be misled by G's with extra black edges that are indicative of a shifting of the first sheet with the attached sample or of a slight play on the type bar.
- Manifold Test: using Electronic Typewriter
 - Shall be able to produce at one time at least eight (8) copies that are legible.

Procedure:

1. This test shall be done using an Electronic Typewriter;
2. A 70 gsm Multipurpose paper, first sheet and eight (8) sheets of Onion Skin film as copy sheets, shall be used in making the test;
3. The first sheet and copy sheets with sheets of carbon film shall be assembled the usual way. The assembled sheets shall be inserted in the electronic typewriter, and type the sentence "**The quick brown fox jumps over the head of the lazy dog.**";
4. Check the copies if the letters/words are legible up to the eighth (8th) copy/sheet, and check if there are smudges on the copy sheets;

RDY

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RECOMMENDED FOR REVIEW

TECHNICAL SPECIFICATIONS REVIEW TEAM

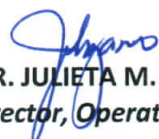

ENGR. ROSANA D. YAMBAO
OIC-Chief, Procurement Division I

RECOMMENDED FOR APPROVAL

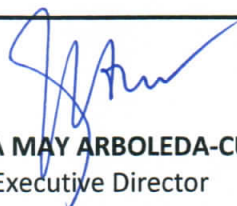
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Effectivity date: FEB 12 2019