

FLEXIBLE PACKAGING - Metallised Acrylic Based

COVEME SF2 M (D) 12 μ is a biaxially oriented Polyethylene Terephthalate Film Acrylic treated on one side and metallised on the reverse.
COVEME SF2 M (D) 12 μ has been designed for packaging of products requiring outstanding water vapor and oxygen barrier properties to achieve extended shelf-life.

| PROPERTY | TYPICAL VALUE | UNIT | METHOD |
|---|---------------|-------------------------------|-----------------|
| Thickness | 11,4 - 12,6 | μ | Internal Method |
| Density | 1,395 - 1,405 | g/cm ³ | ASTM D 1505 |
| Yield | 59,5 | m ² /Kg | Internal Method |
| Tensile strength (md) | 2200 - 3000 | kg/cm ² | ASTM D 882 |
| Tensile strength (td) | 2100 - 3100 | kg/cm ² | ASTM D 882 |
| Elongation at break (md) | 90 - 170 | % | ASTM D 882 |
| Elongation at break (td) | 90 - 160 | % | ASTM D 882 |
| Heat Shrinkage (md) (150°C 30 min.) | 1,0 - 2,5 | % | ASTM D 1204 |
| Heat Shrinkage (td) (150°C 30 min.) | 0,0 - 1,0 | % | ASTM D 1204 |
| C.o.f. static | < 0,6 | | ASTM D 1894 |
| C.o.f. kinetic | < 0,55 | | ASTM D 1894 |
| Wetting tension Aluminum Side | > 50 | dynes/cm | ASTM D 2578 |
| Wetting tension Acrylic Side | 40 - 42 | dynes/cm | ASTM D 2578 |
| Optical Density (D) | 2,6 - 3,2 | % | ASTM D 103 |
| O ₂ transmission Typical @ 23°C - 0% RH | < 0,9 | cc/m ² x 24h x atm | ASTM D 3985 |
| Water Vapor Tr Typical @ 38°C - 90% RH | < 0,75 | g/m ² x 24h x atm | ASTM E 96 |

The metallised layer should be protected against humidity and scratching, the material and its technical specification are guaranteed for a period of 6 month from delivery.

The above information is given in good faith and is generally reliable. However, the customer will have to examine the suitability of the film for individual application. Hence no general or particular warranty for the applications of the film is offered by COVEME. The above information is liable to change due to innovation and improvement in the manufacturing process. COVEME assume no liability for any infringement of any patent, copyright or design on the part of the customer while exploiting the film for different end-uses.

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Coveme spa is UNI EN ISO 9001-2008 and ISO 14001 certified

