

## FLEXIBLE PACKAGING - Transparent Polyester

COVEME SF4/E 12 micron is a transparent biaxially oriented polyethylene terephthalate film inside Acrylic Coated, outside Corona Treated.

COVEME SF4/E 12 $\mu$  has been designed for converting, printing and lamination, in flexible packaging applications that requires both side treated.

PROPERTY	TYPICAL VALUE	UNIT	METHOD
Thickness	11,7 - 12,6	$\mu$	Internal Method
Density	1,14 - 1,16	g/cm <sup>3</sup>	ASTM D 1505
Tensile strength (md)	1900 - 3000	kg/cm <sup>2</sup>	ASTM D 882
Tensile strength (td)	1900 - 3000	kg/cm <sup>2</sup>	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 - 2,4	%	ASTM D 1204
Heat Shrinkage (td) (150°C 30 min.)	0,0 - 0,4	%	ASTM D 1204
C.o.f. static	< 0,6		ASTM D 1894
C.o.f. kinetic	< 0,55		ASTM D 1894
Wetting tension Chemical Side	40 - 42	dynes/cm	ASTM D 2578
Wetting tension Corona Side	48 - 54	dynes/cm	ASTM D 2578
O <sub>2</sub> transmission Typical @ 25°C - 75% RH	110	cc/m <sup>2</sup> x 24h x atm	ASTM D 3985
Water Vapor Tr Typical @ 38°C - 90% RH	50	cc/m <sup>2</sup> x 24h x atm	ASTM D 3985
N <sub>2</sub> transmission Typical @ 25°C - 75% RH	33	cc/m <sup>2</sup> x 24h x atm	ASTM D 3985
Co <sub>2</sub> transmission Typical @ 25°C - 75% RH	500	cc/m <sup>2</sup> x 24h x atm	ASTM D 3985

The material and its technical specification are guaranteed for a period of 6 months 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 certified

