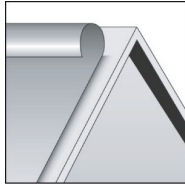
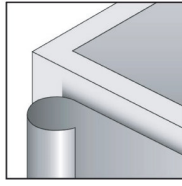


# DuPont™ Tyvek® 3480M



**Application:**  
Flexible sheets for water  
proofing – Part 1:  
Underlays for  
discontinuous roofing  
**EN 13859-1** (Feb 2005)



**Application:**  
Flexible sheets for water  
proofing – Part 2:  
Underlays for walls  
**EN 13859-2** (Dez 2004)



Style name: **3480M**  
Type of carrier: **HD-PE**

Language: **English**  
Applicable for: **All regions**



PROPERTY	METHOD	UNITS	NOMINAL (Mean value)	TOLERANCE	
				Minimum	Maximum
Length (expressed in m)	EN 1848-2	%	Customer related	0	-
Width (expressed in mm)	EN 1848-2	%	Customer related	-0,5	+1,5
Straightness	EN 1848-2	mm	-	-	30
Mass per unit area	EN 1849-2	gr/m <sup>2</sup>	83	74	92
Reaction to fire	EN 11925-2	Class	E-d2	tested on mineralwool & wood	
Water tightness	EN 1928 (method A)	Class	W1	-	-
Water vapour transmission (s <sub>d</sub> )	EN ISO 12572	m	0,08	0,02	0,15
Maximum tensile force (MD)	EN 12311-1	N/50mm	250	200	300
Elongation at max. tensile force (MD)	EN 12311-1	%	10	6	14
Maximum tensile force (XD)	EN 12311-1	N/50mm	210	160	260
Elongation at max. tensile force (XD)	EN 12311-1	%	15	10	20
Resistance to tearing MD (nail shank)	EN 12310-1	N	90	60	120
Resistance to tearing XD (nail shank)	EN 12310-1	N	85	60	110
Resistance to penetration of air	EN 12114	m <sup>3</sup> /(m <sup>2</sup> hr 50Pa)	-	-	0,03
Dimensionnel stability (MD & XD)	EN 1107-2	%	-	-	1
Flexibility at low temperature	EN 1109	°C	-	-	-40
Artificial ageing by UV and heat:	EN 1297 & EN 1296	Residual value	aged/new material		
Maximum tensile force in MD	EN 12311-1	%	90	-	-
MD elongation at max tensile force	EN 12311-1	%	90	-	-
Maximum tensile force in XD	EN 12311-1	%	90	-	-
XD elongation at max tensile force	EN 12311-1	%	85	-	-
Water tightness	EN 1928 (A)	Class	W1	-	-
<b>ADDITIONAL PROPERTIES</b>					
Temperature resistance	-	°C	-	-40	+100
UV resistance	-	months	-	-	4
Water column	EN 20811	m	2	-	-
Windtight	-	-	yes	-	-
Emissivity	DuPont method	-	0,15	-	-
Effective R-value of air cavity with 3480M: (horizontal flow)	EN 6946 (calculated)	m <sup>2</sup> K/W	0,5	-	-

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*Some test methods are modified according to the EN 13859-1&2 and/or according to the DuPont DIN EN ISO 9001 (2000) certified quality system (for details please contact your regional DuPont representative). This information corresponds to our current knowledge on the subject. It is offered in accordance with Council Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products ("European Construction Products Directive"). It is not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for any application other than the application as specified herein. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liabilities in connection with any use of this information for applications other than the application as specified herein. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right. Product safety information is available on request. This data sheet is a printed document and is valid without signature.*

**Effective date:**  
**21.03.2008**



**Tyvek.**