

PRODUCT NAME POLYKNIT EASYFORM P401

S&F CODE
40160401

ISSUE DATE
25/04/2017

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002

DESCRIPTION :

A warp knitted fabric composed of high tenacity (HT) Polyester yarns knitted in an innovative design specifically to provide optimum reinforcement of silicone hoses. Product is typically used for cold side applications such as coolant transmission hoses.

PRODUCT GRADE P401

YARN DESCRIPTION:

Parameter	Units	Stitch Yarn (SY)	Inlay Yarns (Y)
Material	-	Polyester HT	Polyester HT
Yarn count	dtex	278.5	278.5

PROPERTIES:

Parameter	Units	Standard	Min.	Max.	Test Method	See Notes below
Width (fabric on roll)	mm	As specified	-20	+20	Machine setting	3
Weight (fabric on roll)	g/m ²	95	85	105	Calculation: Roll weight / (roll length x width)	3
Length (fabric on roll)	m	100	80	120	BS ISO 5025	3
Thickness (fabric relaxed)	mm	0.52	0.47	0.57	Using hand held gauge	1
Max. Tensile force (MTF)	Kg/75mm	148	115	-	EN ISO 13934-1	2
Strain b/w 10 kgf – 50 kgf	%	4.2	TBD	10	EN ISO 13934-1	2

SALES SPECIFICATION COMPOSITES

Notes:


1. We use a hand held thickness gauge, with a 30mm diameter foot, for all measurements.
2. A 200mm square sample is used. It is placed in 75mm wide jaws at a gauge length of 75mm and tested with a crosshead speed of 150mm/min. Material is only tested in machine direction (MD).
3. The geometric properties, width, length and weight, of the product are measured on the roll. These values when measured in a relaxed state are very different due to the nature of the product.

WIDTHS Typically 1000mm or 2000mm

PACKAGING Rolls wound on 77 mm ID/5mm wall thickness tube, wrapped in polythene, labelled and palletised.

IDENTIFICATION Individual labeling to include roll/lot numbers, chargeable weight or length, code number, width, and fabric type.

NOTES: Fabric can be customised to suit customer requirements for width, roll length, material type and packaging.

Approval Route	Signature	Date
For Purchaser		
Business Director (Approval)		
	Signature	Date
For Scott & Fyfe Limited		25/04/2017

NOTES

For full contractual details please refer to our “Terms & Conditions of Sale” which are available from our Sales Office.

No warranty or guarantee expressed or implied is made regarding the performance of the product since the manner of use and handling is beyond our control