




Fabric name	Shellflex-300 Ultra
Fabric weight	300 ± 5 gsm
Composition	90% Nylon, 10% Spandex
Full width	152 ± 2 cm
Weave	Plain 1/1
Finishes	PD+WR
Area of use	heavy duty workwear, knee and elbow reinforcement
Washing instruction	

### Physical properties\*

			warp	weft
1	Tensile strength, N	ISO 13934-1:2013	1100	1700
2	Tearing strength, N	ISO 13937-3:2000	33	251
3	Dimensional Stability To Washing, max.	ISO 6330:2000	3.0%	3.0%
4	Abrasion Resistance	ISO 12947-2:2002	> 100 000	
5	Pilling Resistance after 2000 revol.	ISO 12945-2:2000	5	
6	Colour Fastness To Washing (cotton+polyester) 60°C, min.	ISO 105-C06:2010		
	Colour change	ISO 105-C06:2010	5	
	Colour staining to cotton	ISO 105-C06:2010	4	
	Colour staining to polyester	ISO 105-C06:2010	4	
7	Colour Fastness To Perspiration, min.	ISO 105-E04:2013		
	Colour change		5	
	Colour staining		5	
8	Colour Fastness To Rubbing, min.	ISO 105-X12:2001		
	Dry		4-5	
	Wet		4-5	
9	Colour Fastness To Light	ISO 105-B02:2013	7	

\* The values shown are indicative and may vary slightly from batch to batch.

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