



DECLARATION OF PERFORMANCE

NO. 2765-CPR-0146-FRN-3

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| 1. Unique identification of the product type: | 4T Flexible Rope Net |
| 2. Type, Batch or Serial Number : | FRN-3 |
| 3. Intended use/es: | Filtration, Separation, Reinforcement |
| 4. Manufacturer : | Garware Technical Fibres Limited,
Plot No:11, Block 01, M.1.0.C Chinchwad,
Pune, Maharashtra, India. |
| 5. System or systems of assesment and verification of consistency of the performance of the construction of the product : | System 2 + |
| 6. Harmonised standard : | EN 13249:2016, EN 13250:2016, EN13251:2016
EN 13253:2016, EN 13254:2016, EN13255:2016
EN 13256:2016, EN 132057:2016 |
| 7. Notified bodies : | SZUTest Notified body number 2765 |
| 8. Declared Performance/s : | |

Essential Characteristics	Performance	Test Standard	Harmonized technical specification
Tensile strength, MD	MD-35 kN/m (- 1.5 kN/m)	EN ISO 10319	EN 13249:2016, EN 13250:2016, EN 13251:2016, EN 13253:2016, EN 13254:2016, EN13255:2016, EN 13256:2016, EN 13257:2016
Tensile strength, CMD	CMD-15 kN/m (-1 kN/m)		
Elongation at Maximum load, MD	MD 15 % (- 2 %)	EN ISO 10319	
Elongation at Maximum load, CMD	CMD 75 % (- 5 %)		
Mass/ unit area, Minimum	300 gms/sq. Meter	ISO 9864	
Thickness @ 2 kPa, Minimum	2.4 mm	ISO 9863-1	
Static Puncture strength (CBR)	2.5 kN (-0.4 kN)	EN ISO 12236	
Characteristic Opening Size O ₉₀ , Maximum	No Performance determined	EN ISO 12956	
Water permeability (q _N), Minimum	No Performance determined	EN ISO 11058	
Resistance to hydrolysis test	% Strength Retention > 85	NF EN 12447	
Microbiological resistance test	% Strength Retention > 80	ENV ISO 12225	
Resistance to chemical degradation Method A	% Strength Retention > 90	ISO TR 12960	
Resistance to chemical degradation Method B	% Strength Retention > 90	ISO TR 12960	
Resistance to weathering test	% Strength Retention > 85	EN 12224	

7. Durability

- a. Product shall be covered within 1 month following installation (EN 12224 test results under certification)
- b. Expected Durability of the product is minmum 25 years in Soil and in submerged conditions with temperature < 25 °C

8. The Performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with regulation(EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Date- 1.09.2020

R. K. Khande

For Garware Technical Fibres Ltd.

Sr. Manager-Quality Assurance



Registered Office

Garware Technical Fibres Ltd. (Formerly Garware – Wall Ropes Ltd.): Plot No. 11, Block D-1, M.I.D.C., Chinchwad, Pune 411 019, India.

T +91 20 2799 0000/0306 E pune_admin@garwarefibres.com www.garwarefibres.com CIN: L25209MH1976PLC018939