

Garfil
Polypropylene & Nylon



GARWARE
TECHNICAL FIBRES



**INDUSTRIAL ROPES:
TAKING THE LOAD OFF YOU**

Industrial Ropes: Taking the load off you

Garfil

Polypropylene & Nylon

APPLICATIONS



Rappelling,
Slithering and
jackstay Ropes,
Tentage and
reinforcement
ropes, Ropes and
ropes bridges



Tower erection
and cable pulling,
guy lining,
Pontoon bridge
building, Trolley
pulling



Safety Nets, Jump
ropes, Helipad Nets,
Escape ladders,
Scramble nets, Bulk
Cargo nets

SPECIFICATIONS

3 - Strand Hawser laid Polypropylene Rope - ISI Marked				3 - Strand Hawser laid Polyamide Multifilament Rope (Nylon)			
Color : Yellow with Black Tracer Yarn				Color : Natural White with No Tracer Yarn			
Length: 110 mtr, 220 Mtr , 500 Mtr and As per Requirement				Length: 220 Mtr / As per Requirement			
Range : 4 mm to 48 mm diameter				Range : 4 mm to 48 mm diameter			
Specification: IS 5175:2014				Specification: IS 4572:2014			
Nominal Diameter (mm)	Weight of coil (kg/220 mtr)	Runnage (mtrs/kg)	Breaking Strength (Kgf)	Nominal Diameter (mm)	Weight of coil (kg/220 mtr)	Runnage (mtrs/kg)	Breaking Strength (Kgf)
4	1.6	138.3	286	4	2.2	101.3	383
6	3.6	61.3	612	6	4.9	45.0	816
8	6.4	34.6	1020	8	8.7	25.3	1428
10	9.9	22.1	1530	10	13.6	16.2	2162
12	14.3	15.4	2162	12	19.5	11.3	3060
14	19.5	11.3	2652	14	26.6	8.3	4080
16	25.5	8.6	3825	16	34.8	6.3	5100
18	32.1	6.8	4590	18	44.0	5.0	6426
20	39.8	5.5	5712	20	54.3	4.0	8160
22	48.2	4.6	6834	22	65.8	3.3	9690
24	57.2	3.8	8160	24	78.1	2.8	11424
26	67.3	3.3	9180	26	91.7	2.4	12750
28	77.9	2.8	10812	28	106.5	2.1	15300
30	89.5	2.5	12036	30	122.1	1.8	17340
32	101.9	2.2	13464	32	139.0	1.6	19380
36	128.9	1.7	17340	36	176.0	1.3	24072
40	159.1	1.4	20400	40	217.1	1.0	30600
44	192.5	1.1	25500	44	261.8	0.8	36210
48	228.8	1.0	28560	48	312.4	0.7	40800

Tolerance on Weight: (1) 4 mm To 8 mm = +/-10% (2) 10 mm To 14 mm = +/-8% (3) 16 mm & Above = +/-5%

Lay of The Rope: Medium

1. Weight Tolerance as per IS
2. All values listed are as per results confirmed in accordance to test procedures IS 7071
3. All specifications pertain to regular laid ropes and are applicable to new ropes

4. The products indicated here do not constitute the entire range of GTFL's product range
5. Please contact GTFL authorized representatives for further sizes and characteristics
6. GTFL reserves the right to review its product specifications

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