



GARWARE
TECHNICAL FIBRES

**Better
Ideas
in Action**



**MARINE
ROPES**



INDEX

ABOUT US	01-02
PLATEENA™ NEO	03-04
PLATEENA™ NEO (DSB)	05-06
PLATINUM	09-10
PLATINEO FL	11-12
X10 ULTIMA DSB	13-14
X2® NEO	15-16
X2® ULTRA	17-18
X2® TOWFLOAT	19-20
X2® ULTIMA	21-22





X2 [®] ULTRA TAIL	23-24
X2 [®] ULTIMA TAIL	25-26
PES & HMPE SLEEVES	27-28
SOFT SHACKLE	29-30
GARSAFE DURO	31
HMPE / ROPE REPAIR KIT	32
OUR LOCATIONS	33





GARWARE
TECHNICAL FIBRES

ABOUT US

Leading the Way, Shaping the Future.

Garware Technical Fibres Ltd. is one of India's leading players in the technical textiles sector. Established in 1976, the company today is a multi-divisional, multi-geographical technical textiles company and is known for providing world class innovative solutions in high performance Ropes, Aquaculture cage nets, Fishing nets, Sports nets, Safety nets, Agricultural nets, coated fabrics, and geosynthetics.

A thrust on international business over the years has seen Garware Technical Fibres global footprint growing steadily. We have six overseas offices and customers in over 75 countries.

29 Patents Granted

49+ Years Of Experience, Legacy & Expertise





GARWARE

TECHNICAL FIBRES

at a glance

Pioneers of synthetic cordage in India

Global presence with customers spread across 75 countries

ISO 14001-2015 and 9001-2015 certifications by BVC, UK
R&D unit recognized by the Department
of Science & Technology, Government of India

Carries ICRA's 'AA-' rating indicating strong financial
stability

Awarded 'Star Export House' status for many years

Received the largest sports goods and sports nets exporter
award from the Sports Goods Export Promotion Council,
sponsored by the Ministry of Commerce, Govt. of India

A dividend paying public limited company since inception.
Listed on the Bombay Stock Exchange and the National
Stock Exchange of India





PLATEENA™ NEO

Product Properties

Product Name	Plateena™ Neo Rope
Material	HMPE
Construction	12 Carrier
Color Of Rope	Natural White, Golden Yellow, Black
Specific Gravity	0.98
Melting Point	144°C to 152°C
Abrasion Resistance	Excellent
U.V. Resistance	Very Good
Available Certification	MEG4
Applications	Mooring, Towing

Elongation

Break Force	Average Elongation%
10%	0.4
30%	0.9
50%	1.5
100%	3.0

Features & Benefits

Higher strength
Lower weight compared with SWR
Easy to handle onboard
Increase in operational efficiency

PLATEENA™ NEO



Dia.	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/100 m	LBS/100 m	Ton	LBS	Ton	LBS
4	1/2	2	4	2	5160	3	5733
6	3/4	2	5	4	8097	4	8996
8	1	4	9	6	13971	7	15129
10	1 1/4	6	13	10	21254	11	23616
12	1 1/2	9	19	14	30363	15	33737
14	1 3/4	12	26	18	40484	20	44982
16	2	15	34	23	51597	26	57330
18	2 1/4	19	42	29	63762	32	70847
20	2 1/2	23	51	35	76919	39	85466
22	2 3/4	28	62	41	91089	46	101210
24	3	33	73	48	105258	53	116953
26	3 1/4	39	85	55	121451	61	134946
28	3 1/2	45	98	63	138657	70	154063
30	3 3/4	51	112	71	156875	79	174305
32	4	58	127	79	175092	88	194547
34	4 1/4	65	142	89	195334	98	217038
36	4 1/2	72	159	98	216588	109	240654
38	4 3/4	80	177	108	237842	120	264269
40	5	88	195	118	260108	131	289009
42	5 1/4	98	215	130	285768	144	317520
44	5 1/2	106	234	140	308689	156	342988
46	5 3/4	116	256	151	333396	168	370440
48	6	126	277	163	359294	181	399215
50	6 1/4	136	300	176	388962	196	432188
52	6 1/2	146	323	188	413947	209	459941
54	6 3/4	158	3483	203	446513	225	496125
56	7	169	3723	214	471438	238	524040
58	7 1/4	182	4013	229	504063	254	560070
60	7 1/2	193	4253	242	533374	269	592668

NOTE : Jacket available on request



PLATEENATM NEO DELAYED SNAP BACK

Product Properties

Product Name	PLATEENA NEO 12 DSB
Material	HMPE+DSB
Material	12 CARRIER
Color of Rope	Yellow, Black
Specific Gravity	0.987
Melting Point	HMPE-144 °C to 152 °C + DSB-250°C
Abrasion Resistance	Excellent
U.V. Resistance	Good
Available Certification	DNV MEG4
Applications	Mooring/Delayed Snap Back

Elongation

Break Force	Average Elongation%
10%	0.4
30%	0.9
50%	1.6
100%	3

PLATEENA™ NEO DELAYED SNAP BACK

Features & Benefits

Delayed Snap Back
High weight to strength ratio
Durable
Low Maintenance
Easy to handle
Make crew happy

Dia.	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/100 m	LBS/100 m	Ton	LBS	Ton	LBS
20	2 1/2	25	56	34	76906	38	85451
24	3	35	78	47	105240	53	116933
28	3 1/2	47	103	63	138633	69	154037
32	4	60	131	79	175062	88	194514
36	4 4/9	74	164	98	216551	109	240612
40	5	92	204	118	260083	131	288982
44	5 4/9	110	243	140	308636	155	342929
48	6	129	286	162	359232	181	399146
52	6 3/7	151	334	187	413895	208	459884
56	7	174	384	213	471555	237	523950
60	7 3/7	198	437	241	533282	269	592536





PLATINUM

Product Properties

Product Name	Platinum
Material	HMPE NEO and HT PES
Construction	12 Strand
Color Of Rope	Red, Yellow
Specific Gravity	1.0 (Floating)
Melting Point	HMPE/PES (140°C/260°C)
Abrasion Resistance	Better
U.V. Resistance	Better
Available Certification	MILLS/LRS
Applications	Mooring, Towing



Elongation

Elongation at break
Low (4-5% at break)

PLATINUM

Features & Benefits

For mooring and towing lines

Alternative to SWR

Better abrasion resistance

Higher bulkiness & strength

Compact lay and construction

Polyurethane coated rope

Dia.	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/100 m	LBS/100 m	Ton	LBS	Ton	LBS
24	3	29	64	26	57551	29	63945
28	3 1/2	35	76	35	77396	39	85995
30	3 3/4	46	101	47	104186	52.5	115763
32	4	53	117	54	119070	60	132300
34	4 1/4	57	125	59	128993	65	143325
36	4 1/2	78	172	79	173534	88	192938
40	5	92	203	90	198450	100	220500
44	5 1/2	110	243	108	238140	120	264600
48	6	130	287	135	297675	150	330750
52	6 1/2	153	337	153	337365	170	374850
56	7	172	379	163	359195	181	399105
60	7 1/2	217	479	200	441000	223	491715



PLATINEO FL

Product Properties

Product Name	Platineo FL
Material	HMPE NEO
Construction	12 Strand
Color Of Rope	Red, Yellow, Orange
Specific Gravity	0.98 (Floating)
Melting Point	140°C to 144°C Melting
Abrasion Resistance	Better
U.V. Resistance	Better
Available Certification	MILLS/LRS
Applications	Mooring , Towing & Fishing

Elongation

Break Force %	Elongation%
100%	Low (3-4 % at break)

PLATINEO FL

Features & Benefits

High strength lower weight

Polyurethane coated rope

Better abrasion resistance.

Balanced construction with firm lay



Dia.	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/100 m	LBS/100 m	Ton	LBS	Ton	LBS
24	3	33	78	45	98784	50	109809
26	3 1/4	41	90	55	121275	61	134726
28	3 1/2	48	105	61	133403	67	148176
30	3 3/4	54	119	68	148838	75	165375
32	4	62	137	76	167580	84	186102
34	4 1/4	68	149	84	185220	93	205727
36	4 1/2	77	170	94	206168	104	229100
38	4 3/4	86	189	105	230423	116	256001
40	5	97	214	117	256883	129	285327
42	5 1/4	106	233	126	276728	139	307377
44	5 1/2	117	258	138	304290	153	338027
48	6	129	283	161	355005	179	394695
50	6 1/4	140	309	172	379260	191	421155
52	6 1/2	163	358	188	414540	209	460845
56	7	173	382	221	486203	245	540225
60	7 1/2	218	481	242	532508	268	591602





X10 Ultima DSB

Product Properties

Product Name	X10 ULTIMA DSB
Material	Mixed Polyolefin Fibre+Polyster+DSB
Construction	8 STRAND
Color of Rope	N. WHITE
Specific Gravity	1.07
Melting Point	X2-140°C + PET-265°C +DSB-250°C
Abrasion Resistance	Excellent
U.V. Resistance	Good
Available Certification	DNV MEG4
Applications	Mooring/ Delayed Snap Back

Elongation

Break Force	Average Elongation%
10%	2
30%	4.1
50%	9.4
100%	18

Features & Benefits

Down sizing - hence better handling
Suitable rope for tanker Application
Delayed Snap Back

X10 Ultima DSB



Dia.	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/100 m	LBS/100 m	Ton	LBS	Ton	LBS
28	3 1/2	49	109	15	33731	17	37479
32	4	62	137	19	43651	22	48502
36	4 4/9	78	172	26	57541	29	63934
40	5	95	210	32	71430	36	79366
44	5 4/9	115	254	39	87303	44	97003
48	6	135	299	47	105160	53	116845
52	6 3/7	159	350	55	122423	62	136025
56	7	183	404	65	144844	73	160937
60	7 3/7	199	439	72	158733	80	176370
64	8	224	495	80	177185	89	196873
68	8 2/5	254	559	90	199408	100	221564
72	9	287	633	102	226194	114	251327
76	9 2/5	317	700	114	251988	127	279987
80	9 8/9	340	750	121	267861	135	297624
84	10 2/5	376	830	134	295640	149	328488
88	10 8/9	424	935	146	323418	163	359353
92	11 3/8	464	1024	159	352188	177	391320
96	11 7/8	504	1111	171	376990	190	418878





Product Properties

Product Name	X2 [®] Neo
Material	HT Polyolefin
Construction	8-Strand
Color Of Rope	Natural White
Specific Gravity	0.92 to 0.93
Melting Point	140°C to 150°C
Abrasion Resistance	Good
U.V. Resistance	Good
Available Certification	MEG4
Applications	Mooring

Elongation

Break Force	Average Elongation%
10%	1.5
30%	3.6
50%	10
100%	18

Features & Benefits

Higher strength to weight ratio - Downsizing possible compared to regular ropes resulting in faster Handling
Ease of better handling of rope
Smoother feel of rope - Easy spliceability

Dia	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/100 m	LBS/100 m	Ton	LBS	Ton	LBS
32	4	46	102	22	47588	24	52876
36	4 1/2	59	129	27	59267	30	65852
40	5	72	159	33	71928	36	79920
42	5 1/4	80	176	36	79350	40	88167
44	5 1/2	87	193	39	86117	43	95686
48	6	104	230	46	100852	51	112058
52	6 1/2	122	269	53	116460	59	129400
56	7	142	312	60	132614	67	147349
58	7 1/4	152	335	64	142219	72	158021
64	8	185	408	78	172453	87	191615
68	8 1/2	209	461	88	194719	98	216355
70	8 3/4	221	488	94	206289	104	229210
72	9	234	516	98	215675	109	239639
74	9 1/4	247	546	103	228118	115	253465
76	9 1/2	261	576	109	240365	121	267072
80	10	289	638	120	264792	133	294213
82	10 1/4	304	670	126	278108	140	309009
84	10 1/2	319	703	132	291860	147	324289
88	11	350	772	144	318056	160	353395
90	11 1/4	366	807	151	332791	168	369767
92	11 1/2	382	843	158	347744	175	386382
96	12	416	918	171	377869	190	419854
102	12 3/4	470	1037	193	426548	215	473943
104	13	489	1078	201	442921	223	492134
112	14	567	1250	232	511902	258	568780





X2[®] ULTRA

Product Properties

Product Name	X2 [®] Ultra
Material	X2 + Polyester
Construction	8-Strand
Color Of Rope	Natural White
Specific Gravity	1.13
Melting Point	X2-140°C, PES-265 °C
Abrasion Resistance	Good
U.V. Resistance	Good
Available Certification	MEG4
Applications	Mooring, Towing

Elongation

Break Force	Average Elongation%
10%	1.5
30%	3.6
50%	10
100%	18

Features & Benefits

Specially designed for towing and bollard pulls
Better TCLL value
Does not absorb or retain moisture
Retains strength in wet condition
Less tug joining time
Easier to handle

Dia.	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/100 m	LBS/100 m	Ton	LBS	Ton	LBS
32	4	56	124	23	49613	25	55125
36	4 1/2	71	157	28	61520	31	68355
40	5	89	195	33	72434	37	80483
42	5 2/7	98	215	36	79380	40	88200
44	5 1/2	108	239	42	92279	47	102533
48	6	128	283	53	116093	59	128993
52	6 1/2	150	331	61	134946	68	149940
56	7	172	379	70	154791	78	171990
58	7 2/7	184	406	75	164714	83	183015
64	8	225	496	93	204404	103	227115
68	8 1/2	254	559	103	227225	115	252473
70	8 4/5	269	593	108	239132	121	265703
72	9	285	628	113	250047	126	277830
74	9 1/3	301	663	119	261954	132	291060
76	9 1/2	318	701	125	274853	139	305393
80	10	370	816	141	311567	157	346185
82	10 1/3	387	853	147	324466	164	360518
84	10 1/2	405	893	154	339350	171	377055
88	11	500	1103	174	383009	193	425565
90	11 1/3	523	1153	181	398885	201	443205
92	11 1/2	546	1203	188	414760	209	460845
96	12	598	1318	210	462389	233	513765
104	13	700	1544	242	533831	269	593145
112	14	814	1794	270	595350	300	661500
120	15	932	2055	309	681080	343	756756





X2[®] TOWFLOAT

Product Properties

Product Name	X2 [®] Ultra
Material	X2 + Polyester
Construction	8-Strand
Color Of Rope	Natural White
Specific Gravity	0.99
Melting Point	X2-140°C, PES-265 °C
Abrasion Resistance	Good
U.V. Resistance	Good
Available Certification	MEG4
Applications	Mooring, Towing

Elongation

Break Force	Average Elongation%
10%	1.5
30%	3.6
50%	10
100%	18

Features & Benefits

Floating rope in nature
Specially designed for towing and bollard pulls
Better TCLL value
Does not absorb or retain moisture
Retains strength in wet condition
Less tug joining time
Easier to handle

X2[®] TOWFLOAT



Dia.	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/100 m	LBS/100 m	Ton	LBS	Ton	LBS
32	4	56	124	23	49613	25	55125
36	4 1/2	71	157	28	61520	31	68355
40	5	89	195	33	72434	37	80483
42	5 2/7	98	215	36	79380	40	88200
44	5 1/2	108	239	42	92279	47	102533
48	6	128	283	53	116093	59	128993
52	6 1/2	150	331	61	134946	68	149940
56	7	172	379	70	154791	78	171990
58	7 2/7	184	406	75	164714	83	183015
64	8	225	496	93	204404	103	227115
68	8 1/2	254	559	103	227225	115	252473
70	8 4/5	269	593	108	239132	121	265703
72	9	285	628	113	250047	126	277830
74	9 1/3	301	663	119	261954	132	291060
76	9 1/2	318	701	125	274853	139	305393
80	10	370	816	141	311567	157	346185
82	10 1/3	387	853	147	324466	164	360518
84	10 1/2	405	893	154	339350	171	377055
88	11	500	1103	174	383009	193	425565
90	11 1/3	523	1153	181	398885	201	443205
92	11 1/2	546	1203	188	414760	209	460845
96	12	598	1318	210	462389	233	513765
104	13	700	1544	242	533831	269	593145
112	14	814	1794	270	595350	300	661500
120	15	932	2055	309	681080	343	756756





X2[®] ULTIMA

Product Properties

Product Name	X2 [®] Ultima
Material	X2 + Polyester
Construction	8-Strand
Color Of Rope	Natural White
Specific Gravity	1
Melting Point	X2 - 140°C, Pes - 265°C
Abrasion Resistance	Good
U.V. Resistance	Good
Available Certification	MEG4
Applications	Mooring

Elongation

Break Force	Average Elongation%
10%	1.5
30%	3.6
50%	10
100%	18



Features & Benefits

Mixed Polyolefin with Polyester Rope

Upgraded version of Maxigold

Suitable rope for Tanker vessels

Floating Rope

Better TCLL value

Dia.	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/100 m	LBS/100 m	Ton	LBS	Ton	LBS
32	4	63	139	23	50605	26	56228
36	4 1/2	74	163	30	65489	33	72765
40	5	91	202	37	82158	41	91287
42	5 1/4	101	222	41	90493	46	100548
44	5 1/2	111	246	46	100416	51	111573
48	6	135	297	56	122444	62	136049
52	6 1/2	155	342	64	140900	71	156555
56	7	171	376	73	160745	81	178605
58	7 1/4	193	425	81	178605	90	198450
64	8	221	487	92	203808	103	226454
68	8 1/2	245	540	104	228218	115	253575
70	8 3/4	259	571	109	240125	121	266805
72	9	283	624	118	260168	131	289076
74	9 1/4	293	647	122	269892	136	299880
76	9 1/2	316	696	131	289737	146	321930
80	10	336	742	141	310574	157	345083
82	10 1/4	359	792	147	323474	163	359415
84	10 1/2	377	830	154	339350	171	377055
88	11	421	927	167	369117	186	410130
90	11 1/4	441	972	176	387970	196	431078
92	11 1/2	461	1016	183	403846	204	448718
96	12	500	1103	197	433613	219	481793
102	12 3/4	565	1245	221	488385	246	542651
104	13	589	1298	238	524900	265	583223
112	14	683	1505	276	608745	307	676384
120	15	784	1728	317	698544	352	776160



X2[®] ULTRA TAIL

Product Properties

Product Name	X2 [®] Ultra Tails
Material	X2 + Polyester
Construction	8-Strand
Color Of Rope	Natural White
Specific Gravity	1.13
Melting Point	X2 - 140°C, PES - 265°C
Abrasion Resistance	Good
U.V. Resistance	Good
Available Certification	MEG4
Applications	Mooring, Towing

Elongation

Break Force	Average Elongation%
10%	1.5
30%	3.6
50%	10
100%	18

Features & Benefits

Better shock absorbtion ability
Does not absorb or retain moisture
Retains strength in wet condition
Less tug joining time
Easier to handle

Dia.	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/11M	LBS/11 M	Ton	LBS	Ton	LBS
48	6	25	55	53	116041	59	128934
52	6 1/2	29	64	61	134885	68	149872
56	7	34	74	70	154721	78	171912
60	7 1/2	39	86	80	176540	89	196156
64	8	44	97	93	204311	103	227012
68	8 1/2	49	109	103	227122	115	252358
72	9	56	122	113	249934	126	277704
76	9 1/2	62	137	125	274729	139	305254
80	10	72	159	141	311425	157	346028
84	10 1/2	79	174	154	339196	171	376884
88	11	98	215	174	382835	193	425372
90	11 1/2	102	225	181	398704	201	443004
96	12	117	257	210	462179	233	513532





X2[®] ULTIMA TAILS

Product Properties

Product Name	X2 [®] Ultima Tails
Material	PP + Polyester
Construction	8-Strand
Color Of Rope	Natural White
Specific Gravity	1
Melting Point	X2 - 140°C, PES - 265°C
Abrasion Resistance	Good
U.V. Resistance	Good
Available Certification	MEG4
Applications	Mooring

Elongation

Break Force	Average Elongation%
10%	1.5
30%	3.6
50%	10
100%	18



Features & Benefits

Better shock absorbtion ability
Does not absorb or retain moisture
Retains strength in wet condition
Less tug joining time
Easier to handle

Dia.	Circ.	Weight	Weight	LDBF		MBL	
mm	Inch	Kg/11M	LBS/11 M	Ton	LBS	Ton	LBS
48	6	26	58	556	122388	62	135987
52	6 1/2	30	67	64	140836	71	156484
56	7	33	73	73	160672	81	178524
60	7 1/2	38	84	83	182491	92	202768
64	8	43	95	92	203716	103	226351
68	8 1/2	48	105	104	228114	115	253460
72	9	55	122	118	260050	131	288944
76	9 1/2	62	136	131	289606	146	321784
80	10	66	145	141	310433	157	344926
84	10 1/2	73	162	154	339196	171	376884
88	11	82	181	167	368950	186	409944
90	11 1/2	86	189	176	387794	196	430882
96	12	98	215	197	433417	219	481574





POLYESTER SLEEVE

Product Properties

Product Name	PES Webbing sleeve with Velcro
Material	Polyester
Colour	Orange
Abrasion Resistance	Excellent
UV Resistance	Very Good
Velcro Width (mm)	50

Rope Size (mm)	Type	Sleeve Width (mm)
20-26	PES Webbing sleeve with 50 mm velcro	175
27-33	PES Webbing sleeve with 50 mm velcro	200
34-40	PES Webbing sleeve with 50 mm velcro	225
41-46	PES Webbing sleeve with 50 mm velcro	250
47-52	PES Webbing sleeve with 50 mm velcro	275
47-58	PES Webbing sleeve with 50 mm velcro	300
59-65	PES Webbing sleeve with 50 mm velcro	325
59-71	PES Webbing sleeve with 50 mm velcro	350
72-78	PES Webbing sleeve with 50 mm velcro	375
79-80	PES Webbing sleeve with 50 mm velcro	400

NOTE: From 350mm onwards, Sleeves will have width joining.

HMPE SLEEVE



Product Properties

Product Name	HMPE Webbing sleeve with Velcro
Material	HMPE
Colour	White
Abrasion Resistance	Excellent
UV Resistance	Very Good
Velcro Width (mm)	50

Rope Size (mm)	Type	Sleeve Width (mm)
20-26	HMPE Webbing sleeve with 50 mm velcro	175
27-33	HMPE Webbing sleeve with 50 mm velcro	200
34-40	HMPE Webbing sleeve with 50 mm velcro	225
41-46	HMPE Webbing sleeve with 50 mm velcro	250
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79-80	HMPE Webbing sleeve with 50 mm velcro	400

NOTE: From 350mm onwards, Sleeves will have width joining.



SOFT SHACKLE

Product Properties

Product Name	G-link Soft Shackle
Material	Plateena™ Neo
Construction	12 Strand Rope Fabricated Shackle
Color Of Rope	Yellow, Red, Orange
Specific Gravity	0.98
Melting Point	Medium (140°C Melting)
Abrasion Resistance	Better
U.V. Resistance	Better
Available Certification	MILLS/LRS
Applications	Links Between Trawl Cable and Trawl Doors and Connecting the Shipping or Towing Lines

Features & Benefits

Made from Plateena Neo GTFL ropes
Light weight easy to use
Repalce metalic hard shackle
Not corrode or rusting



Base Rope Diameter (mm)	Loops	B. Strength (KGF) Rope	B. Strength (LBF) Rope	B. Strength (KGF) Shackle	B. Strength (LBF) Shackle	Closed Shackle Length (m)	Closed Shackle Length (inch)	Opened Shackle Length (m)
9	Single	8500	18743	14450	31862	1	39	2.18
9	Double	8500	18743	17000	37485	1	39	2.18
10	Single	10710	23616	18207	40146	1	39	2.18
10	Double	10710	23616	21420	47231	1	39	2.18
11	Single	12500	27563	21250	46856	1	39	2.18
11	Double	12500	27563	25000	55125	1	39	2.18
12	Single	15300	33737	26010	57352	1	39	2.18
12	Double	15300	33737	30600	67473	1	39	2.18
13	Single	17500	38588	29750	65599	1	39	2.18
13	Double	17500	38588	35000	77175	1	39	2.18
14	Single	20400	44982	34680	76469	1	39	2.18
14	Double	20400	44982	40800	89964	1	39	2.18
15	Single	23400	51597	39780	87715	1	39	2.18
15	Double	23400	51597	46800	103194	1	39	2.18
16	Single	26000	57330	44200	97461	1	39	2.18
16	Double	26000	57330	52000	114660	1	39	2.18

Remark: Weight tolerance $\pm 5\%$ -Strength Tolerance $\pm 10\%$

Shackle length can be provided as per demand.

RF for single loop -1.7 to 1.9

RF for double loop -1.8 to 2.0

PES Fabric sleeve can be provided as per demand

These shackle are with smooth button knot



GARSafe DURO

SPECIFICATIONS

HPS Sling comprises of core strength member and protective covers

1. **Core strength member** made from Ultra-High Molecular Weight Polyethylene (UHMWPE) braided rope – Can supply up to 1300 MT Breaking strength. Core Strength Member is made of 12 carrier braided rope using Ultra-High Molecular Weight Polyethylene (UHMWPE) yarn.
2. **Protective Cover** Anti-abrasive sleeve - Heavy duty PES sleeve as inside sleeve for overall general protection from abrasion
 - A. Anti-abrasive cover - Heavy duty PES sleeve as inside sleeve for overall general protection from abrasion
 - B. Anti-cut cover - High performance sleeve as outside sleeve for cut protection at contact lifting point

Advantages of using 12 carrier braided rope over regular yarn round sling

- Rope slings have high shape stability where as yarn round slings are made from rounds of loose yarns and hence are not as stable as Rope round slings
- Rope sling have compact diameter which can be used on smaller sheaves which enables efficient lifting.
- Rope round slings are more torque balanced preventing the sling from twisting when under load.
- Rope round sling resist abrasion and crushing of yarn to some extent due to its interlaced structure and rounder shape where as Yarn Round slings misuse or abuse can cause kinking, crushing, or abrasion due to loose yarn present resulting in structural damage and sling failure under load

BENEFITS

Lighter

Ease of handling
Faster Operations
Less crew required

Safer

No Backlash - lower elongation
No damage to goods lifted

Flexible than SWR

Easy to work
No injuries/cuts usually associated with wire ropes such as broken wires, manual handling etc.
Provided with Anti Abrasive/cut cover for protection
Least Maintenance

HMPE / ROPE REPAIR KIT



Accessories in Kit	Qty	Unit
Kit Bag	1	Nos
User Manual	1	Nos
Polyester jacket / cloth (210mm width, with Velcro Fitted)	10	Mtr
High strength double sided bonding tape	5	Nos
Self-Bonding Electrical (vulcanised) tape	3	Nos
Masking paper tape	4	Nos
Vinyl insulation tape	2	Nos
HMPE braided twine for seizing (3mm dia)	100	Mtr
Polyester braided Twine for seizing (4mm dia)	100	Mtr
Tackle tools (Small & Big) - 1 Nos each	2	Nos
Multipurpose Scissor	1	Nos
Needle	1	Nos



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Better Ideas in Action



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