

PHILLYSTRAN® PSOM-I ARAMID

175-2/06

Phillystran PSOM-I ropes consist of a resin impregnated aramid fiber stranded construction. Available either bare or with thick extruded polyurethane jacketing. PSOM-I is ideally suited for applications requiring maximum strength to diameter ratios (bare) and long life in harsh environments (jacketed).



PART NUMBER	BREAK STRENGTH		DIAMETER		WEIGHT		REEL LENGTH FT
	LBS	KN	IN	mm	LBS/1000 FT	kg/km	
PSOM 1200I	1,200	5.3	0.17	4	11	17	10,000
PSOM 2100I	2,100	9.3	0.22	6	18	27	10,000
PSOM 4000I	4,000	18	0.30	8	33	50	10,000
PSOM 6700I	6,700	30	0.37	9	50	75	10,000
PSOM 11200I	11,200	50	0.44	11	70	105	6,000
PSOM 15400I	15,400	69	0.51	13	95	140	6,000
PSOM 20800I	20,800	93	0.57	14	115	170	6,000
PSOM 27000I	27,000	120	0.65	17	150	225	5,000
PSOM 35000I	35,000	156	0.69	18	170	250	4,000
PSOM 42400I	42,400	189	0.84	21	250	375	3,000

Weights and Dimensions can vary

CAUTION: Break Strength: The breaking strength of a rope is the load at which a new rope will break when tested under laboratory conditions. Break strength should not be mistaken for safe working load. **Safe Working Load:** Because of the wide range of rope use, rope condition and the degree of risk of life or property, it is not possible to make a blanket recommendation for safe working load. It is ultimately dependent on the rope user to determine what percentage of break strength is their own safe working load. **Wear:** Ropes wear out with use; the more severe the usage, the greater the wear. It is often not possible to detect wear on a rope by visible signs alone. Therefore, it is recommended that the rope user determine a retirement criteria for ropes in their application. For assistance in developing safe working load and retirement criteria for each application please call or write Phillystran, Inc.

All printed statements, data and recommendations are based on reliable information and tests, and are presented without any guarantee or warranty. Statements regarding the use of Phillystran, Inc.'s products and processes are not to be construed as recommendations for use in violation of any applicable laws, regulations or patent rights. © All rights reserved.

Phillystran, Inc.
151 Commerce Drive
Montgomeryville, PA 18936-9628 USA

Phone: 215-368-6611
Fax: 215-362-7956
E-mail: info@phillystran.com