

PHILLYSTRAN® ARAMID ROPES FOR GLASS TEMPERING SYSTEMS

157-2/06

Phillystran aramid ropes for tempered glassmaking equipment have been specially designed to withstand the short-term elevated temperatures existing in the quenching, cooling and conveying sections of the glass handling operation. They consist of a tightly stranded aramid core with an outer braid of the same aramid fiber. No lubricants or finishes are applied to the yarns. The rope maintains its smooth, round cross section when formed around the conveyor rollers. The yarns are highly resistant to fraying and maintain their durable physical properties.



PART NUMBER	DIAMETER		WEIGHT		REEL LENGTH FT
	IN	mm	LBS/1000 FT	kg/km	
PSWR 005K	0.13	3.3	6	9	5,000
PSWR 006K	0.17	4.3	8	12	5,000
PSWR 007K	0.19	4.8	12	18	5,000
PSWR 008K	0.20	5.1	13	19	5,000
PSWR 010K	0.26	6.6	23	34	5,000
PSWR 020K	0.35	8.9	45	67	5,000
PSWR 030K	0.41	10.4	65	97	4,000
PSWR 040K	0.48	12.2	82	122	3,500

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.

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