ASGCO
Complete Conveyor Solutions
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Arrowhead Drive and Non-Drive Rubber Pulley Lagging Informational Charts

Typical Rubber Pulley Specs

Typical Specification	
Rubber Hardness	62 Shore A
Lagging to Pulley Shell Bond Strength	Exceeds 91 PIW
Rubber Abrasion Resistance (DIN)	81
Elongation	510%
Tensile	2900 PSI

Amount of Cement in Quarts

ARROWHEAD DRIVE & NON-DRIVE RUBBER LAGGING INFORMATION

Amount of Cement Needed to Lag "X" Pulley Size		
Pulley diameter x 3.1423	=	Pulley circumference
Circumference x face width / 144	=	Pulley surface area in sq. ft.
Pulley surface area in sq. ft. / 10	=	Amount of cement in quarts needed

Number of Rolls of Rubber

Amount of Rolls Needed to Lag "X" Pulley
Pulley diameter x 3.1423 = Pulley circumference
Pulley Circumference / 10 = Number of Arrowhead lagging strips
Number of strips needed x (pulley face +2) = Number of total inches of rubber lagging
Number of total inches of rubber lagging / 255 = Number of rolls of rubber

Part Numbers and Description

Description	Part Number	Wt. LBS.
½" Thick x 10" x 21.33' Drive Lagging	ASG-10X21.33-1/2-TRL	42
¾" Thick x 10" x 21.33' Drive Lagging	ASG-10X21.33-3/4-TRL	60
½" Thick x 10" x 21.33' Plain Lagging	ASG-10X21.33-1/2-TRL-PLN	48
½" Thick x 10" x 21.33' Drive Lagging MSHA	ASG-10X21.33-1/2-MSHA-TRL	42
¾" Thick x 10" x 21.33' Drive Lagging MSHA	ASG-10X21.33-3/4-MSHA-TRL	56
½" Thick x 10" x 21.33' Plain Lagging MSHA	ASG-10X21.33-1/2-MSHA-PLN	42

Taber Abrasion Tests

Tabor Abrasion, ASTMD 3389-94(99)

H18 wheels, 1000 gram load per wheel, for 3000 cycles

All tests were completed by Akron Rubber Development Laboratory, Inc. - www.ardl.com