

Fabric Preload Pads for Hilman Rollers

Many extremely heavy moves of 100 tons or greater are being done with the aid of Hilman elastomeric Fabric Preload Pads placed between the roller and load. With Fabric Preload Pads located on top of the roller, less than perfect surfaces can be negotiated because the contact rolls will bear their proportionate share of the load at all times. Available as optional equipment for many of the Hilman Roller Series', Fabric Preload Pads are truly a low cost, simple solution to a less than perfect rolling surface.

A Fabric Preload Pad used with a Hilman Roller "cushions" the load over a long period. The replaceable pad is made with a fabric duct impregnated into an elastomer blend creating a high durometer pad which is both resilient and durable under heavy loading. In addition to providing protection to the base of the load, Fabric Preload Pads allow the rollers to move over an out of-level surface with comparative ease, while they remain under tension with the load. The fabric impregnated pad has a low compression set with an excellent predictable spring rate.

Hilman rollers with Fabric Preload Pads eliminate metal-to-metal slippage with unskidded loads while cushioning the object being moved from shock loads and vibration. The Fabric Pad is ideal for projects requiring repetitive movement, precise positioning, or longer term operation. They operate equally well in a corrosive atmosphere, or where track deviations pose a potential problem.

Technical Specifications

Hardness:	90 Durometer, ±5%, Shore A
Compressive Strength:	2000 psi (13.8MPa) maximum recommended
Set and Creep	5% at maximum loading
Durability:	Outstanding durability, with an excellent spring rate predictability over long periods.
Shock:	Excellent shock absorption rate with high vibration isolation qualities.
Temperature Limitations:	-65°F to +200°F (-55°C to +95°C)
Environment:	Impervious to common industrial oils, steam water, brine, and mildew.
Specifications:	Military - Mil-C-882D and AASHTO "Performed Fabric Pad" Specifications
Color:	Gray or Tan



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Hilman Rollers Fabric Preload Pads

Pads Fit Roller Product No.	Pads Thickness		FP Series Neoprene Pads	
	Inch	MM	Product No.	Code
.75-OT	1/4	6	FP-.75-OT	F5000-.75
1-OT	1/4	6	FP-1-OT	F5000-1
2.5-OT	1/4	6	FP-2.5-OT	F5000-2.5
5-OT, OTB	1/2	13	FP-5-OT	F5000-5
8-OT, OTB	1/2	13	FP-8-OT	F5000-8
15-OT, OTB	1/2	13	FP-15-OT	F5000-15
20-OT, OTB	1/2	13	FP-20-OT	F5000-20
37.5-OT, OTB	1	25	FP-37.5-OT	F5000-37.5
50-OT, OTB	1	25	FP-50-OT	F5000-50
75-OT, OTB	1	25	FP-75-OT	F5000-75
.75-T	1/4	6	FP-.75-T	F5900-.75
1-T	1/4	6	FP-1-T	F5900-1
2.5-T	1/4	6	FP-2.5-T	F5900-2.5
5-T, TB	1/2	13	FP-5-T	F5900-5
8-T, TB	1/2	13	FP-8-T	F5900-8
15-T, TB	1/2	13	FP-15-T	F5900-15
20-T, TB	1/2	13	FP-20-T	F5900-20
37.5-T, TB	1	25	FP-37.5-T	F5900-37.5
50-T, TB	1	25	FP-50-T	F5900-50
75-T, TB	1	25	FP-75-T	F5900-75
.75-NT	1/4	6	FP-.75-NT	F6200-.75
1-NT	1/4	6	FP-1-NT	F6200-1
2.5-NT	1/4	6	FP-2.5-NT	F6200-2.5
5-NT, NTB	1/2	13	FP-5-NT	F6200-5
8-NT, NTB	1/2	13	FP-8-NT	F6200-8
15-NT, NTB	1/2	13	FP-15-NT	F6200-15
20-NT, NTB	1/2	13	FP-20-NT	F6200-20
37.5-NT, NTB	1	25	FP-37.5-NT	F6200-37.5
50-NT, NTB	1	25	FP-50-NT	F6200-50
75-NT, NTB	1	25	FP-75-NT	F6200-75
100-XT, XTB	1	25	FP-100-XT	F7000-100
150-XTL, XTLB	1	25	FP-150-XTL	F7000-150L
150-XTW, XTWB	1	25	FP-150-XTW	F7000-150W
200-XTL, XTLB	1	25	FP-200-XTL	F7000-200TL
200-XTW, XTWB	1	25	FP-200-XTW	F7000-200TW
200-XTWC, XTWCB	1	25	FP-200-XTWC	F7000-200TC
300-XT, XTB	1	25	FP-300-XT	F7000-300
500-XT, XTB	1	25	FP-500-XT	F7000-500
750-XT, XTB	1	25	FP-750-XT	F7000-750
1000-XT, XTB	1	25	FP-1000-XT	F7000-1000
100-XNT, XNTB	1	25	FP-100-XNT	F7200-100
150-XNTL, XNTLB	1	25	FP-150-XNTL	F7200-150L
150-XNTW, XNTWB	1	25	FP-150-XNTW	F7200-150W
200-XNTL, XNTLB	1	25	FP-200-XNTL	F7200-200TL
200-XNTW, XNTWB	1	25	FP-200-XNTW	F7200-200TW
200-XNTWC, XNTWCB	1	25	FP-200-XNTWC	F7200-200TC
300-XNT, XNTB	1	25	FP-300-XNT	F7200-300
500-XNT, XNTB	1	25	FP-500-XNT	F7200-500
750-XNT, XNTB	1	25	FP-750-XNT	F7200-750
1000-XNT, XNTB	1	25	FP-1000-XNT	F7200-1000
100-XOT, XOTB	1	25	FP-100-XOT	F7300-100
150-XOTL, XOTLB	1	25	FP-150-XOTL	F7300-150TL
150-XOTW, XOTWB	1	25	FP-150-XOTW	F7300-150TW
200-XOTL, XOTLB	1	25	FP-200-XOTL	F7300-200TL
200-XOTW, XOTWB	1	25	FP-200-XOTW	F7300-200TW
200-XOTWC, XOTWCB	1	25	FP-200-XOTWC	F7300-200WC
300-XOT, XOTB	1	25	FP-300-XOT	F7300-300
500-XOT, XOTB	1	25	FP-500-XOT	F7300-500
750-XOT, XOTB	1	25	FP-750-XOT	F7300-750
1000-XOT, XOTB	1	25	FP-1000-XOT	F7300-1000