



The PNP range of Sailmaker's Hardware includes a vast range of sail slugs and slides for all types of mast tracks and sails, hanks suitable for most sizes of headsails, headboards and press rings, all of the latest design to facilitate sail making and repair. Leech line cleats, batten pocket ends, sail shackles and vernier batten adjusters are also included in the range.

Press Rings, PNP125 through PNP129 consist of a Stainless Steel liner with two glass reinforced Nylon rings, offering sizes from 13mm (1/2") to 25mm (1").

The Leech Cleats are also moulded from glass reinforced Nylon and are available in two styles to suit varying leech line diameters and sail positioning. PNP25A is supplied with a backing plate.

The Nylon Headboards are available in three sizes and are suitable for Keelboat, Dinghy and Trailerable yacht mainsails.

They are designed to be strong, lightweight and as flexible as possible to give the utmost in performance.

PRODUCT No.	DESCRIPTION	WEIGHT	
		g	(oz)
Press Rings (Moulded Plastic Teeth)			
PNP125	13mm (1/2") I.D. Stainless Steel liner, two glass reinforced Nylon rings	14	(0.5)
PNP126	16mm (5/8") I.D. Stainless Steel liner, two glass reinforced Nylon rings	15	(0.5)
PNP127	19mm (3/4") I.D. Stainless Steel liner, two glass reinforced Nylon rings	25	(0.8)
PNP128	22mm (7/8") I.D. Stainless Steel liner, two glass reinforced Nylon rings	36	(1.3)
PNP129	25mm (1") I.D. Stainless Steel liner, two glass reinforced Nylon rings	53	(1.9)
Leech Line Cleats			
PNP25A	Glass reinforced Nylon. Suits up to 4mm (5/32") diam. line. 70mm (2 3/4") long	10	(0.4)
PNP177	Suits 1mm (1/16") to 2.5mm (3/32") line. 32mm (1 1/4") long	6	(0.2)
PNP178	Suits 2.5mm (3/32") to 4mm (5/32") line. 50mm (2") long	10	(0.4)
Headboards & Liners			
PNP23	Nylon 75mm (3") x 100mm (4") x 2mm (1/32")	9	(0.3)
PNP58	Nylon 105mm (4") x 110mm (4 1/2") x 2.7mm (7/64")	22	(0.8)
PNP59	Nylon 126mm (5") x 148mm (5 7/8") x 3.2mm (1/8")	42	(1.5)



This range of sailmaker hardware and accessories is moulded in impact resistant, UV stabilised Nylon for maximum durability and reliability.

The innovative vernier batten adjusters in this range allow fine-tune batten tensioning.

The low gearing of the vernier screw allows fingertip adjustment that can be easily and precisely repeated with the aid of the graduated window.

The larger batten pocket protectors and adjusters are slotted at the luff end to allow attachment by webbing to slides, slugs or cars.

Batten pocket protectors and vernier batten adjusters include screws where shown.

PRODUCT No.	DESCRIPTION	WEIGHT	
		g	(oz)
PNP82	Snap-on batten pocket protector, suits battens up to 45mm (1 3/4") x 5mm (3/16")	24	(0.8)
PNP83	Batten pocket protector, suits battens up to 50mm (2") x 6mm (1/4")	17	(0.6)
PNP85	Batten pocket protector, suits battens up to 20mm (13/16") x 7mm (9/32")	11	(0.4)
PNP87	Batten pocket protector, suits battens up to 16mm (5/8") x 4mm (5/32")	9	(0.3)
PNP105	Batten pocket protector, suits batten ends up to 40mm (1 1/2") x 5mm (3/16")	17	(0.6)
PNP135	Batten end, to suit battens up to 14mm (9/16") x 2.2mm (3/32")	5	(0.1)
PNP137	Batten end, V-Grip, to suit battens up to 14mm (9/16") x 2.2mm (3/32")	5	(0.1)
PNP138	Batten end, to suit battens up to 30mm (1 1/8") x 3mm (1/8")	10	(0.3)
PNP139	Batten end, to suit battens up to 40mm (1 5/8") x 3mm (1/8")	10	(0.3)
PNP147	Batten pocket protector, suits battens up to 50mm (2") x 5mm (3/16")	56	(2.0)
PNP147A	Link piece, suits RF147 and mainsails with bolt rope	6	(0.2)
PNP147B	Link piece, suits RF147 and mainsails without bolt rope	6	(0.2)
PNP148	Batten pocket protector, heavy duty glass reinforced Nylon, accepts battens up to 50mm (2") x 8mm (5/16")	90	(3.2)
PNP155	Vernier batten adjuster, suits battens up to 22mm (7/8") x 10mm (3/8"), or 13mm (1/2") diameter	148	(5.2)
PNP156	Venier batten adjuster, suits battens up to 16mm (5/8") x 6mm (1/4")	45	(1.6)
PNP161	Venier batten adjuster, suits battens up to 40mm (1 1/2")	160	(5.6)
PNP170	Batten pocket protector, suits battens up to 22mm (7/8") x 8mm (5/16")	60	(2.1)



Sail slugs and slides with a 'T' suffix are moulded in a special P.T.F.E. and Silicon impregnated blend for smooth running.

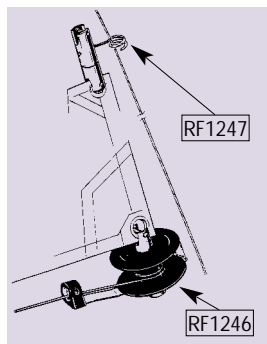
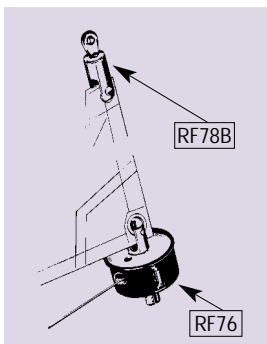
The PNP149 and PNP150 can be webbed to any of the slotted batten pocket

protectors or vernier adjusters to create a strong, efficient and economical system for fully battened sails. The Acetal ball bearings on the under side of these items minimise friction, even under the compression

loads associated with fully battened sails.

Hanks and sail shackles include screws where shown.

PRODUCT No.	DESCRIPTION	WEIGHT	
		g	(oz)
Sail Slugs & Slides			
PNP17T	Sail slug, 12mm (1/2") dia. x 38mm (1 1/2") long	4	(0.1)
PNP18T	Sail slug, 10mm (3/8") dia. x 38mm (1 1/2") long	4	(0.1)
PNP29T	Sail slug, 9mm (3/8") dia. x 32mm (1 1/4") long	2	(0.1)
PNP27T	Sail slide, internal track, 16mm (5/8") wide x 32mm (1 1/4") long	4	(0.1)
PNP28T	Sail slide, internal track, 22mm (7/8") wide x 42mm (1 5/8") long	8	(0.3)
PNP34T	Sail slug, 10mm (3/8") dia. x 75mm (3") long	13	(0.5)
PNP102	Compression sail slug, st/st attachment loop, 8.4mm (5/16") dia. x 45mm (1 3/4") long	8	(0.3)
PNP103	Compression sail slug, st/st attachment loop, 9.8mm (3/8") dia. x 46mm (1 3/4") long	10	(0.4)
PNP104	Compression sail slug, st/st attachment loop, 11.6mm (1/2") dia. x 49mm (2") long	11	(0.4)
PNP149	Sail slide, heavy duty glass filled Nylon, 22mm (7/8") wide x 63mm (2 1/2") long	25	(0.9)
PNP150	Sail slug, heavy duty glass filled Nylon, 11mm (7/16") dia. x 70mm (2 3/4") long	21	(0.7)
PNP201	Compression sail slug, 8.5mm (5/16") dia. x 30mm (1 3/16") long	6	(0.2)
PNP202	Compression sail slug, 10mm (3/8") dia. x 55mm (2 5/32") long	16	(0.6)
PNP203	Sail slide, internal track, heavy duty with S/S insert, 22mm (7/8") wide x 60mm (2 1/8") long	28	(1.0)
PNP204	Compression sail slug, heavy duty with s/s insert, 9mm (3/8") dia. x 60mm (2 1/8") long	43	(1.5)
PNP205	Compression sail slide, 22mm (7/8") wide x 60mm (2 1/8") long	20	(0.7)
Hanks			
PNP14	Twist on hank, suits 3mm (1/8") dia. wire, 31mm (1 1/4") long	5	(0.2)
PNP14A	Twist on hank, suits 4.5 mm (5/32") dia. wire, 33mm (1 1/4") long	4	(0.1)
PNP14B	Twist on hank, suits 5.5mm (3/16") dia. wire, 37mm (1 1/2") long	7	(0.2)
PNP14C	Twist on hank, suits 8mm (5/16") dia. wire, 42mm (1 5/8") long	10	(0.4)
PNP88A	Piston hank, suits 6.4mm (1/4") dia. wire, 50mm (2") long	8	(0.3)
PNP88B	Piston hank, suits 8.0mm (5/16") dia. wire, 72mm (2 7/8") long	15	(0.6)
PNP88C	Piston hank, suits 11.2mm (7/16") dia. wire, 75mm (3") long	22	(0.5)
Shackles			
PNP63	Sail shackle, screw-on, 12mm (1/2") deep x 8mm (5/16") internal clearance, suits PNP18T, PNP27T & PNP29T	2	(0.1)
PNP65	Sail shackle, screw-on, 20mm (3/4") x 8mm (5/16") internal clearance	4	(0.1)
PNP81A	Sail shackle, snap-on, 11mm (7/16") deep x 8mm (5/16") internal clearance, suits PNP18T, PNP27T & PNP29T	2	(0.1)
PNP81B	Sail shackle, snap-on, 12.7mm (1/2") deep x 8mm (5/16") internal clearance, suits PNP17T, PNP18T & PNP28T	4	(0.1)
PNP106	Sail shackle, screw-on, 16mm (5/8") deep x 10mm (3/8") internal clearance	8	(0.3)



Sail feeders accept standard luff tapes and bolt ropes up to 10mm (3/8"). They feature chrome plated Brass rollers and a cast Stainless Steel body.

▶ RF76 furler suits small dinghies and catamarans

▶ RF1246 suits fractionally rigged trailer sailers up to 7.6m (25 feet) in length

PRODUCT No.	DESCRIPTION	BL		WEIGHT	
		kg	(lb)	g	(oz)
Swivels – Ball Bearing					
RF78	Eye-Eye, 8.2mm (5/16") dia. holes	1400	(3080)	65	(2.3)
RF78A	Fork-Fork, 6.4mm (1/4") dia. pins	1700	(3740)	80	(2.8)
RF78B	Fork-Eye, 6.4mm (1/4") dia. pin & 8.2mm (5/16") dia. hole	1700	(3740)	60	(2.1)
RF79	Fork-Fork, 7.9mm (5/16") dia. pins	2600	(5720)	215	(7.6)
RF1247	Fork-Fork, incorporating forestay guard, 7.9mm (5/16") dia. pins	2600	(5720)	240	(8.5)
Jib Furlers					
RF76	65mm (2 1/2") dia. above deck jib furler. Enclosed Acetal drum with Stainless Steel ball bearing swivel unit which locates on bow chain plate. Overall height 80mm (3 1/8")	1700	(3740)	155	(5.5)
RF1246	114mm (4 1/2") dia. above deck jib furler. Open glass reinforced nylon drum with Stainless Steel ball bearing swivel unit and furling line lead arm. Overall height 114mm (4 1/2")	2600	(5720)	500	(18.0)
Sail Feeders					
RF305	Headsail feeder. Accepts up to 10mm (3/8") bolt rope. Cast Stainless Steel frame with chrome plated brass rollers. Used as a pre-feeder to luff foils	-	-	115	(4.1)
RF306	Mainsail feeder. As per RF305 but with Stainless Steel bracket mount for attachment to mast	-	-	135	(4.8)