

# BLACKHAWK SEALS MATERIALS



Code	Material	Family	Hardness	Color	Material Characteristics	Standard Application
<b>P92T</b>	TPU	Polyurethane	92A	Blue Rust	Low compression set Hydrolysis resistance Lower hardness	RU1 U-Cup & D Wiper smaller than 1.500" Head Seal
<b>P93U</b>	TPU	Polyurethane	93A	Black	Hydrolysis resistance	AN Rod Wiper
<b>P93S</b>	TPU	Polyurethane	93A	Blue Black	Low compression set Hydrolysis resistance	MC Rod Wiper
<b>P94T</b>	TPU	Polyurethane	94A	Orange Yellow	Low compression set Hydrolysis resistance Higher hardness	RU1 U-Cup & D Wiper larger than 1.500"
<b>P95T</b>	TPU	Polyurethane	95A	Purple	Low compression set Hydrolysis resistance Higher hardness	RB1 Buffer Seal
<b>P95U</b>	TPU	Polyurethane	95A	Ivory Black	Hydrolysis resistance Higher hardness	
<b>HY55</b>	TPE	Hytrel	55D	Orange Red Ivory	Hydrolysis resistance Extrusion resistance	AS 568 Backup Rings
<b>N8028</b>	NBR	Nitrile Rubber	80A	Black	Low temperature resistance	Standard Piston Seal Energizer
<b>NY46</b>	PA	Nylon	84D	Blue	High heat resistance Nylon 46	PC Backup Ring
<b>NY460</b>	PA + GF	Nylon	122R	Black	Glass Fiber reinforced Nylon 6	WR & WP Wear Ring
<b>NY66M</b>	PA + Moly	Nylon	120R	Grey	Nylon 66 + MoS2 Lubricant	Backup Ring needing lubrication
<b>T45</b>	PTFE	PTFE	66D	Bronze Brown	Bronze reinforced PTFE	PC Piston Seal Ring

Product Performance. Affordability. Availability.



10515 Majic Port Lane | Fort Wayne, IN 46819 | USA  
Telephone: 260-615-3951 | Fax: 260-436-5267  
info@BlackHawkSeals.com

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