Mayer ProHose P-Series Heated Hoses

Industrial hot melt heated hoses engineered for 100% compatibility with Preo hot melt bulk melters and applicators, available in Standard, Washdown, High-Pressure, and Spray configurations.

Preo 100% Compatible	230V AC	PT100 Sensör	160 - 285 BAR	210°C / 250°C	DN8 (5/16")

VOLTAGE	SENSOR TYPE	MAX TEMP	WORK PRESSURE	NOMINAL BORE	PROTECTION
230 V AC	PT100 RTD	210 °C	160 bar	DN8 (5/16")	IP54 / IP65
50/60 Hz	Platinum RTD	HT Seri: 250 °C	HT Seri: 285 bar	8 mm Flow Bore	Silicone Sheath

HOSE ENGINEERING CONSTRUCTION & LAYER ANATOMY

1. İç Akış Çekirdeği (Core)	Smooth-bore, chemically inert virgin PTFE core. Eliminates adhesive charring and ensures laminar flow for PUR, EVA, and PSA.
2. Basınç Takviye Örgüsü (Braid)	High-tensile AISI 304 stainless steel wire braid. Ensures zero volumetric expansion and maximum burst protection under dynamic pulsing.
3. Spiral Isıtma Rezistansı (Heating)	PTFE-insulated nickel-chrome spiral heating element. Delivers uniform heat flux with ±2°C accuracy preventing cold spots along the line.
4. Çok Katmanlı Termal İzolasyon	Multi-layer aramid fleece and siliconized fiberglass thermal barrier. Maximizes energy retention and keeps outer sheath safe to touch.
5. Dış Koruma & Uç Başlıkları	Abrasion-resistant PA braided sleeve or impact-absorbing PUR corrugated conduit with heavy-duty elastomer strain-relief end caps.

PREO COMPATIBLE STANDARD & WATERPROOF SERIES (DN8 / 230V / 160 BAR / 210°C)

Standard Series (HH Series – 210°C)

Length	Preo P/N	Mayer Part Number
0.6 m	HH0600	**MY-PR-HH0600**
0.8 m	HH0800	**MY-PR-HH0800**
1.2 m	HH1200	**MY-PR-HH1200**
1.8 m	HH1800	**MY-PR-HH1800**
2.0 m	HH2000	**MY-PR-HH2000**
2.4 m	HH2400	**MY-PR-HH2400**
3.0 m	HH3000	**MY-PR-HH3000**
3.5 m	HH3500	**MY-PR-HH3500**
4.0 m	HH4000	**MY-PR-HH3400**
5.0 m	HH5000	**MY-PR-HH5000**
6.0 m	HH6000	**MY-PR-HH6000**
6.5 m	HH6500	**MY-PR-HH6500**
7.0 m	HH7000	**MY-PR-HH7000**
8.0 m	HH8000	**MY-PR-HH8000**
9.0 m	HH9000	**MY-PR-HH9000**
10.0 m	HH9999	**MY-PR-HH9999**

Waterproof Series (HW Series – IP65 / 210°C)

Length	Preo P/N	Mayer Part Number
0.6 m	HW0600	**MY-PR-HW0600**
0.8 m	HW0800	**MY-PR-HW0800**
1.2 m	HW1200	**MY-PR-HW1200**
1.8 m	HW1800	**MY-PR-HW1800**
2.0 m	HW2000	**MY-PR-HW2000**
2.4 m	HW2400	**MY-PR-HW2400**
3.0 m	HW3000	**MY-PR-HW3000**
3.5 m	HW3500	**MY-PR-HW3500**
4.0 m	HW4000	**MY-PR-HW4000**
5.0 m	HW5000	**MY-PR-HW5000**
6.0 m	HW6000	**MY-PR-HW6000**
6.5 m	HW6500	**MY-PR-HW6500**
7.0 m	HW7000	**MY-PR-HW7000**
8.0 m	HW8000	**MY-PR-HW8000**
9.0 m	HW9000	**MY-PR-HW9000**
10.0 m	HW9999	**MY-PR-HW9999**

HIGH-TEMPERATURE & PRESSURE (HT) & CORRUGATED CONDUIT (H*HH) SERIES

High-Temp Series (HT Series – 285 bar / 250°C)

Length	Preo P/N	Mayer Part Number
0.6 m	HT0600	MY-PR-HT0600
0.8 m	HT0800	MY-PR-HT0800
1.2 m	HT1200	MY-PR-HT1200
1.8 m	HT1800	MY-PR-HT1800
2.0 m	HT2000	MY-PR-HT2000
2.4 m	HT2400	MY-PR-HT2400
3.0 m	HT3000	MY-PR-HT3000
3.5 m	HT3500	MY-PR-HT3500
4.0 m	HT4000	MY-PR-HT4000
5.0 m	HT5000	MY-PR-HT5000
6.0 m	HT6000	MY-PR-HT6000
6.5 m	HT6500	MY-PR-HT6500
7.0 m	HT7000	MY-PR-HT7000
8.0 m	HT8000	MY-PR-HT8000
9.0 m	HT9000	MY-PR-HT9000
10.0 m	HT9999	MY-PR-HT9999

Corrugated Conduit Series (H*HH Series – 160 bar / 210°C)

Length	Preo P/N	Mayer Part Number
0.6 m	H*HH0600	MY-PR-H*HH0600
0.8 m	H*HH0800	MY-PR-H*HH0800
1.2 m	H*HH1200	MY-PR-H*HH1200
1.8 m	H*HH1800	MY-PR-H*HH1800
2.0 m	H*HH2000	MY-PR-H*HH2000
2.4 m	H*HH2400	MY-PR-H*HH2400
3.0 m	H*HH3000	MY-PR-H*HH3000
3.5 m	H*HH3500	MY-PR-H*HH3500
4.0 m	H*HH4000	MY-PR-H*HH4000
5.0 m	H*HH5000	MY-PR-H*HH5000
6.0 m	H*HH6000	MY-PR-H*HH6000
6.5 m	H*HH6500	MY-PR-H*HH6500
7.0 m	H*HH7000	MY-PR-H*HH7000
8.0 m	H*HH8000	MY-PR-H*HH8000
9.0 m	H*HH9000	MY-PR-H*HH9000
10.0 m	H*HH9999	MY-PR-H*HH9999

SPRAY, HST TRANSFER & MANUAL HANDGUN HOSE SERIES

Spray (HS) & HST Transfer Lines

Length	Preo P/N	Mayer Part Number
1.2 m	HS1200	MY-PR-HS1200
1.8 m	HS1800	MY-PR-HS1800
2.4 m	HS2400	MY-PR-HS2400
3.0 m	HS3000	MY-PR-HS3000
4.0 m	HS4000	MY-PR-HS4000
5.0 m	HS5000	MY-PR-HS5000
1.8 m	HST1800	MY-PR-HST1800
2.4 m	HST2400	MY-PR-HST2400
3.0 m	HST3000	MY-PR-HST3000
5.0 m	HST5000	MY-PR-HST5000
6.0 m	HST6000	MY-PR-HST6000
7.0 m	HST7000	MY-PR-HST7000
8.0 m	HST8000	MY-PR-HST8000

Manual Handgun (HM Series – 210°C)

Length	Preo P/N	Mayer Part Number
2.4 m	HM2400	MY-PR-HM2400
3.0 m	HM3000	MY-PR-HM3000
4.0 m	HM4000	MY-PR-HM4000
5.0 m	HM5000	MY-PR-HM5000
6.0 m	HM6000	MY-PR-HM6000
7.0 m	HM7000	MY-PR-HM7000
4.0 m	HMNDS4000	MY-PR-HMNDS4000
4.8 m	HMNDS4800	MY-PR-HMNDS4800

OPERATIONAL, MECHANICAL INSTALLATION & SAFETY GUIDELINES

• Kıvrılma Yarıçapı (Rmin)	The hose must never be bent sharper than the rated minimum bend radius. Over-bending causes irreversible kinking of the PTFE core.
• Torsiyon Önleme	Torsion is strictly prohibited. Always use a counter-wrench on the hex fitting during tightening to prevent internal core twist.
• Askı & Balanser Desteği	In robotic and moving installations, support hoses with articulated energy chains, spring balancers, or protective saddles.
• Elektrik & Termal Güvenlik	Disconnect electrical power before connecting plugs. Verify protective earth (PE) continuity. Gradual heating ramp-up is recommended.