Mayer ProHose M-Series Heated Hoses

Industrial hot melt heated hoses engineered for complete compatibility with Valco Melton adhesive units, drum melters, and applicators, available with precision Ni120 or PT100 sensors.

Valco Melton Compatible	230V AC	Ni120 / PT100	70 - 160 BAR	210°C	DN8 / DN13 / DN20

VOLTAGE	SENSORS	MAX TEMP	WORK PRESSURE	NOMINAL BORES	PROTECTION
230 V AC	Ni120 / PT100	210 °C	70 – 160 bar	DN8, DN13, DN20	IP54 / IP65 WD
50/60 Hz	Dual Option	Thermal Stable	Bore Dependent	5/16", 1/2", 3/4"	Washdown Opt.

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.

MELTON COMPATIBLE STANDARD RTD (Ni120) SERIES

DN8 (5/16") – 160 bar / 210°C

Length	Melton P/N	Mayer Part Number
0.60 m	981xx001	MY-C1001
0.80 m	981xx002	MY-C1002
1.20 m	981xx003	MY-C1003
1.40 m	981xx004	MY-C1004
1.80 m	981xx005	MY-C1005
2.40 m	981xx006	MY-C1006
3.00 m	981xx007	MY-C1007
3.60 m	981xx008	MY-C1008
4.80 m	981xx010	MY-C1010
5.40 m	981xx011	MY-C1011
6.00 m	981xx012	MY-C1012
7.20 m	981xx013	MY-C1013
8.00 m	981xx014	MY-C1014
10.00 m	981xx015	MY-C1015
0.60 m	981xx201	MY-C1201

DN13 (1/2") – 95 bar / 210°C

Length	Melton P/N	Mayer Part Number
1.20 m	981xx202	MY-C1202
1.80 m	981xx203	MY-C1203
2.40 m	981xx204	MY-C1204
3.00 m	981xx205	MY-C1205
3.60 m	981xx206	MY-C1206
4.20 m	981xx207	MY-C1207
4.80 m	981xx208	MY-C1208
6.00 m	981xx209	MY-C1209
7.20 m	981xx210	MY-C1210
8.00 m	981xx211	MY-C1211
10.00 m	981xx212	MY-C1212
0.60 m	981xx241	MY-C1241

DN20 (3/4") RTD – 70 bar / 210°C

Length	Melton P/N	Mayer Part Number
1.20 m	981xx242	MY-C1242
1.80 m	981xx243	MY-C1243
2.40 m	981xx244	MY-C1244
3.00 m	981xx245	MY-C1245
3.60 m	981xx246	MY-C1246
4.20 m	981xx247	MY-C1247
4.80 m	981xx248	MY-C1248
6.00 m	981xx249	MY-C1249
7.20 m	981xx250	MY-C1250
8.00 m	981xx251	MY-C1251
10.00 m	981xx252	MY-C1252

DN8 (5/16") PT100 – 160 bar / 210°C

Length	Melton P/N	Mayer Part Number
0.60 m	981xx101	MY-C1101
0.80 m	981xx102	MY-C1102
1.20 m	981xx103	MY-C1103
1.40 m	981xx104	MY-C1104
1.80 m	981xx105	MY-C1105
2.40 m	981xx106	MY-C1106
3.00 m	981xx107	MY-C1107
3.60 m	981xx108	MY-C1108
4.20 m	981xx109	MY-C1109
4.80 m	981xx110	MY-C1110
5.40 m	981xx111	MY-C1111
6.00 m	981xx112	MY-C1112
8.00 m	981xx113	MY-C1113
10.00 m	981xx014	MY-C1014
0.60 m	981xx221	MY-C1221
0.60 m	981xx261	MY-C1261

DN13 (1/2") PT100 – 95 bar / 210°C

DN20 (3/4") PT100 – 70 bar / 210°C

Length	Melton P/N	Mayer Part Number
1.20 m	981xx222	**MY-C1222**
1.80 m	981xx223	**MY-C1223**
2.40 m	981xx224	**MY-C1224**
3.00 m	981xx225	**MY-C1225**
3.60 m	981xx226	**MY-C1226**
4.20 m	981xx227	**MY-C1227**
4.80 m	981xx228	**MY-C1228**
6.00 m	981xx229	**MY-C1229**
8.00 m	981xx230	**MY-C1230**
10.00 m	981xx231	**MY-Cx231**

Length	Melton P/N	Mayer Part Number
1.20 m	981xx262	**MY-C1262**
1.80 m	981xx263	**MY-C1263**
2.40 m	981xx264	**MY-C1264**
3.00 m	981xx265	**MY-C1265**
3.60 m	981xx266	**MY-C1266**
4.20 m	981xx267	**MY-C1267**
4.80 m	981xx268	**MY-C1268**
6.00 m	981xx269	**MY-C1269**
8.00 m	981xx270	**MY-C1270**
10.00 m	981xx271	**MY-C1271**

DRUM MELTER TRANSFER & WASHDOWN (WD) SERIES

Melton Drum Melter High-Flow Hoses

Length	Melton P/N	Mayer Part Number
3.00 m	981xx081	**MY-C1081**
4.80 m	981xx082	**MY-C1082**
7.20 m	981xx083	**MY-C1083**
9.00 m	981xx084	**MY-C1084**
3.00 m	981xx091	**MY-C1091**
4.80 m	981xx092	**MY-C1092**
7.20 m	981xx093	**MY-C1093**
9.00 m	981xx094	**MY-C1094**

Melton WD Washdown Water-Protected (IP65)

Length	Melton P/N	Mayer Part Number
0.60 m	981xx021	**MY-C1021**
1.20 m	981xx023	**MY-C1023**
1.80 m	981xx025	**MY-C1025**
2.40 m	981xx026	**MY-C1026**
3.00 m	981xx027	**MY-C1027**
3.60 m	981xx028	**MY-C1028**
4.80 m	981xx030	**MY-C1030**
0.60 m	981xx941	**MY-C1941**
1.20 m	981xx942	**MY-C1942**
1.80 m	981xx943	**MY-C1943**
2.40 m	981xx944	**MY-C1944**
3.00 m	981xx945	**MY-C1945**

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.