

3TMH



Engineered to reach higher

The 3TMH thermoplastic hose is engineered for material handling applications and performs efficiently in telehandlers and beyond.

Synflex 3TMH hoses are designed with one or two-wire braids construction and with the *Dura-Pulse™ rubber inner tube covered with thermoplastic jacket. This design provides superior flexibility, which makes it effortless to work in tight and small parts of machines. It is available with special fitting design and with electrical cable as additional option for efficiency improvement.

**Dura-Pulse™ rubber : only size -10*



Multiline



Flexibility



Durability

Benefits

- Up to **40%** more flexible compared to the market leader, reducing time for product assembly
- **Long length changes** under pressure are accommodated to ensure stable and accurate system operation, improving efficiency and effectiveness
- The special inner tube's **low compression set** ensures reliable sealing and prevents leaks
- **10x** greater abrasion resistance vs. the market leader increasing product durability
- Up to **1 million cycles** extended product lifetime

3TMH

Synflex by Danfoss 3TMH-10 16.0 MM (0.63 IN) DN16 280 BAR (4000 PSI) -40°C to 100°C (-40°F to 212°F) YYYY-MM-DD Made in Türkiye //--/ (LOT)



Part Number	Hose I.D.		Hose O.D.		Operating Pressure		Min. Burst Pressure		Bend Radius		Weight		Length	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
3TMH-06	9.5	0.37	16.85	0.66	235	3,408	940	13,600	70	2.76	0.380	0.25	76.0	250
3TMH-08	12.7	0.50	20.60	0.81	245	3,553	980	14,200	80	3.14	0.495	0.32	76.0	250
3TMH-10	15.9	0.63	25.00	0.98	280	4,061	1,120	16,200	90	3.54	0.790	0.53	76.0	250

Operating pressure of 3TMH-06 can exceed 280 bar under specific condition, contact Danfoss's team for more details.

Construction Tube

Synthetic rubber

Reinforcement

Single or double wire

Cover

Thermoplastic polyurethane

Operating Temperature

-40°C to 100°C
(-40°F to +212°F)

Packaging

up to 76m/250ft.

Type of fittings

- Winner 2 piece (EMEA only)
- Danfoss 1A/Z

Order Fulfillment

Made to Stock

Option

Electrical cable
(with min. 3 lines)



Standards

Exceeded SAE100R1
(size -6 and -8)
Exceeded SAE100R19
(size -10)

ENGINEERING
TOMORROW



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