

FORESTMASTER/42

FORESTRY MACHINES



KEY FEATURES

- Extreme high abrasion resistance, long life before reinforcement scratching
- Special composite cover layer with textile reinforcement for the maximum resistance in harsh environments
- Reduced bend radius
- Good flexibility in the whole temperature range
- Easy mounting in any installation
- High impulse resistance according to ISO 18752 requirements

APPLICATIONS & FLUIDS



- High pressure power lines for general hydraulics
- Designed for forestry machines booms and harvester heads, harsh environments and severe abrasions
- Mineral oils, vegetable oils and synthetic ester based oils (up to 100°C/212°F), glycols and polyglycols, mineral oils in aqueous emulsion, water

TECHNICAL DATA

PART. REF.	HOSE SIZE			R.O.D.		O.D.		MAX W.P.		BURST		MIN. BEND		WEIGHT		FITTINGS	
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	Std1	Std2
FM42-12	19	- 12	3/4"	27,7	1,09	31,9	1,26	420	6090	1680	24360	150	5,91	1331	0,89	IP+M01500-12	
FM42-16	25	- 16	1"	34,8	1,37	39,0	1,54	420	6090	1680	24360	210	8,27	1970	1,32	IP+M01500-16	

CONTINUOUS SERVICE TEMPERATURE RANGE

-50 °F / 250 °F
-46 °C / 121 °C

MAX OPERATING TEMPERATURE

125 °C, 257 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four high tensile steel spirals

COVER

Composite cover with textile reinforcement, realized with high abrasion and ozone resistant synthetic rubber

APPLICABLE SPECS

Manuli design, ref. ISO 18752-C

TYPE APPROVALS

CU-TR; MSHA