Hydraulink®

THERMOPLASTIC HOSE

R7

FIBRE BRAID THERMOPLASTIC HOSE
BRAIDED FIBRE REINFORCED HOSE - SAE 100R7



- Due to manufacturing tolerances, the external dimension is an average.
- Recommended for: Medium pressure hydraulic applications requiring increased resistance to abrasion.
- Internal tube: Polyester elastomer.
- Reinforcement: One or two braids of synthetic fiber. External cover: Abrasion resistant polyurethane, black, pinpricked, white ink-jet branding.
- Temperature range: -40 °C to +100 °C, limited to +70 °C for air and water-based fluids.
- Standards: Meets or exceeds SAE 100R7.
- Characteristics: R7 is a medium pressure hose for use with petroleum, synthetic or water based hydraulic fluids. Suitable for general fluid power transmission like earthmoving, agricultural machinery and forklift trucks. Also suitable for many industrial gases (check for compatibility).
- Not suitable for use on forklift mast application below ambient temperatures.

Part Number	Internal Size	Internal DN	Internal Diameter - inches	External Diameter - mm	Working Pressure - psi	Working pressure - bar	Min burst pressure - psi	Min burst pressure - bar	Min bend radius - mm
3R7	03	5	3/16	9.6	3000	210	12000	840	25
4R7	04	6	1/4	12.2	3000	210	12000	840	35
5R7	05	8	5/16	14.3	2700	190	10800	760	45
6R7	06	10	3/8	16.0	2300	160	9200	640	55
8R7	08	12	1/2	20.3	2000	140	8000	560	75
12R7	12	19	3/4	27.1	1300	90	5200	360	140

Please contact Hydraulink for further details and availability. Hydraulink reserve the right to change technical specifications without notice.