

# Parker RemoFlex 412

*No-Skive* 1 Wire Braided Hose for Pilot Lines



## Customer Value Proposition:

RemoFlex 412 pilot line hose is a highly flexible 12,0 MPa constant pressure hose, ideally suited to the compact build requirements of modern equipment. The combination of a highly abrasion and ozone resistant cover with its small outside diameter and the excellent fluid compatibility of the hose, through its nitrile inner tube, results in a pilot line hose that meets the demands of a wide customer base.

The **RemoFlex 412** is ideal for many industrial and mobile applications especially in mobile construction equipment.



## Product Features:

- *No-Skive* 1 steel wire braid hose for mobile pilot lines
- 12,0 MPa rubber pilot line hose (20 % higher working pressure than 402 hose)
- Highly flexible
  - ease of installation
- Nitrile inner tube
  - bio oil resistant
- High quality cover compound
  - longer service life
- Tight bending radii – allowing compact machine designs
  - 50 % minimum bend radius reduction for size 4 and 25 % for size 6 as compared to 402 hose
- Compatible with 2-piece *No-Skive* fittings
- *No-Skive* design eliminates the need to remove the cover before crimping
- Same or smaller outside diameters with best performance compared to 402



ENGINEERING YOUR SUCCESS.

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Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
412-4	6	1/4	-4	6,3	11,0	12,0	1700	48,0	6800	25	0,14
412-6	10	3/8	-6	9,5	14,0	12,0	1700	48,0	6800	40	0,23

The combination of high temperature and high pressure could reduce the hose life.

## Primary Applications/ Restrictions

Mobile hydraulic equipment:  
Pilot lines

## Temperature Range

-40 °C up to +100°C  
exception air max. +70 °C  
exception water max. +85 °C

## Parkrimp series fittings and crimpers

Parker's RemoFlex 412 pilot line hose is compatible with Parker 2-piece fittings (47 series nipple plus 49 series shell). The *No-Skive* design of the fittings eliminates the need to remove the hose cover before crimping and provides a user-friendly, cleaner and quicker assembly procedure. Parker offers a full range of fittings containing all popular end configurations, together with a compatible crimp machine and assembly instructions, which combined assure safe working practices and hose assemblies with a long service life.

## Hose Construction

### Tube:

Nitrile (NBR)

### Reinforcement:

One highly tensile steel-wire braid

### Cover:

Synthetic rubber

## Fittings Series

Available as complete hose assemblies\*



## Recommended Fluids

Petroleum and water-glycol based fluids, lubricating oils, air and water. For air above 1,7 MPa, the hose cover must be pin-pricked.

Consult the chemical compatibility section in Catalogue C4400 on page Ab-16 for more detailed information.

\*Compatible with Parker 2-piece fittings for use with adjustable crimpers only (47 series nipple and 10049 series shell)