

# TECREEL

*Self Retracting Hydraulic Hose Reels*

**TECREEL** for Crane Applications • Lorry Mounted Crane Applications • Forklift Truck Applications • Offshore Applications • Container Crane Applications.

## TYPE 375

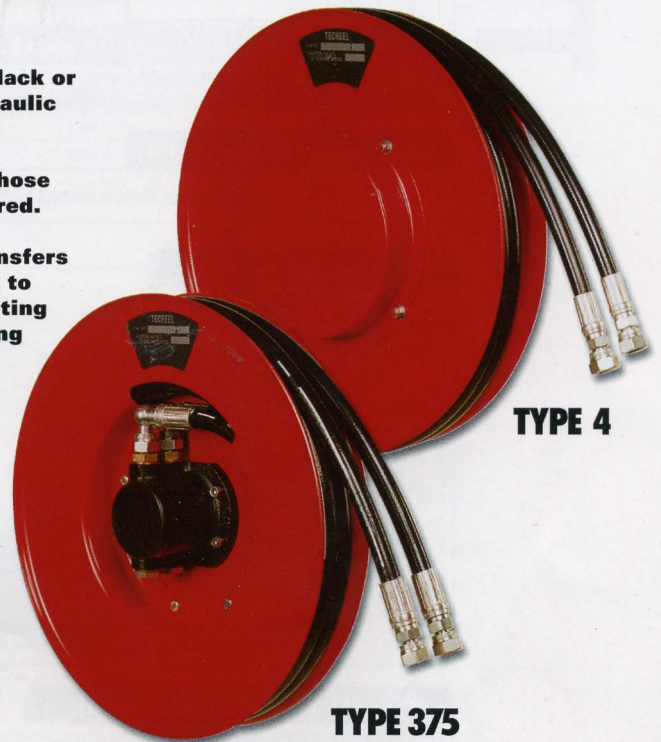
- Maximum operating pressure 300 Bar (4350 lbf/in<sup>2</sup>).
- Large ports provide efficient flow characteristics.
- Siamese 1/4in, 5/16in, 3/8in or 1/2in bore thermoplastic hoses.
- Cassette loaded coil spring for safety and easy removal.
- Left or right hand mounted, easily changeable on site.

## TYPE 4

- Maximum pressure 170 Bar (2500 lbf/in<sup>2</sup>).
- Improved fluid flow.
- Siamese 1/4in or 5/16in bore thermoplastic hoses.
- Easy maintenance.
- A low cost competitively priced reel.

**Tecreel - eliminates slack or trailing hydraulic hoses where continuous variation of hose length required.**

**Tecreel - transfers hydraulic oil to moving, rotating and swivelling parts.**



*TECREEL hydraulic systems - high pressure flexible hoses.*

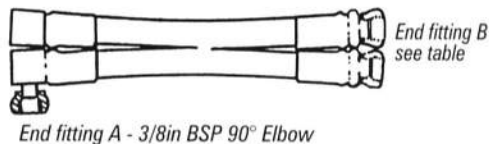
# TYPE 375

## TECREEL TYPE 375 Performance Data

Flow Rate Per Minute	PRESSURE DROP	
	With twin 4.5m (15ft) hoses 5/16in bore	With Twin Hoses 5m (16ft) hoses 3/8in bore
22.7 Litres ( 5 Gall )	17 Bar ( 246 lb/in <sup>2</sup> )	8 bar ( 116 lb/in <sup>2</sup> )
45.5 Litres ( 10 Gall )	36 Bar ( 522 lb/in <sup>2</sup> )	19 Bar ( 275 lb/in <sup>2</sup> )

The above figures are based on SHELL Tellus 37; viscosity 55/63 cSt

## TECREEL TYPE 375 Hose Assembly



## TECREEL TYPE 375 Seal Kit

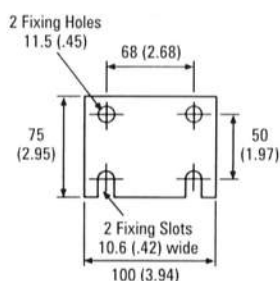
51892	375 Tecreel Replacement Seal Kit
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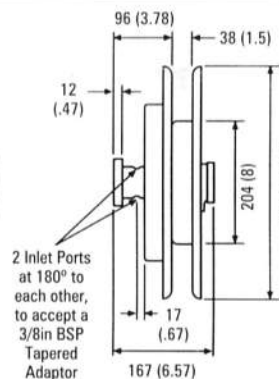
## Optional Extras The following tapered shaft inlet adaptors are available

Part no.	Threads		
G04R06	3/8in BSP.T.	x	1/4in BSP
G06R06	3/8in BSP.T.	x	3/8in BSP
34873-609	3/8in BSP.T.	x	M16 x 1.5
34873-211	3/8in BSP.T.	x	9/16in JIC

## Mounting bracket Detail



The illustration shows a right hand mounting  
Left hand mount is simply the reverse of this



Note: Dimensions are in Millimetres with Inch equivalents in brackets

## TECREEL TYPE 375 Part Numbers

TL = left Hand Mounting  
TR = Right Hand mounting

\*Pull off length with 1.5 pretension spring turns.

Tecreel Part no	Replacement hose part no	Hose length	Pull off length	Hose bore	End fitting B
TL/TR31800	* Flange Dia. is 318mm (12.5in)				
TL/TR31800-401	V04104206-4100	4100mm	4000mm	1/4in	1/4 BSP
TL/TR31800-501	V05106206-3500	3500mm	3400mm	5/16in	3/8in BSP
TL/TR31800-502	V05206509-3500	3500mm	3400mm	5/16in	9/16in-JIC
TL/TR31800-508	V05206414-3500	3500mm	3400mm	5/16in	M16 x 1.5
TL/TR31800-601	V06106206-2700	2700mm	2600mm	3/8in	3/8in BSP
TL/TR31800-606	V06206414-2700	2700mm	2600mm	3/8in	M16 x 1.5
TL/TR38000	* Flange Dia. is 380mm (15in)				
TL/TR38000-404	V04104206-6500	6500mm	6400mm	1/4in	1/4in BSP
TL/TR38000-408	V04206414-6500	6500mm	6400mm	1/4in	M16 x 1.5
TL/TR38000-504	V05106206-5600	5600mm	5500mm	5/16in	3/8in BSP
TL/TR38000-506	V05206509-5600	5600mm	5500mm	5/16in	9/16in-JIC
TL/TR38000-509	V05206414-5600	5600mm	5500mm	5/16in	M16 x 1.5
TL/TR38000-603	V06106206-4900	4900mm	4800mm	3/8in	3/8in BSP
TL/TR38000-607	V06206414-4900	4900mm	4800mm	3/8in	M16 x 1.5
TL/TR 45700	* Flange Dia. is 457mm (18in)				
TL/TR45700-308	PNS40099	11m	8500mm	1/4in	1/4 in BSP
TL/TR45700-311	PNS40098	11m	8500mm	1/4in	M16 x 1.5
TL/TR45700-511	V05106206-9300	9300mm	8300mm	5/16in	3/8in BSP
TL/TR45700-507	V05206509-9300	9300mm	8300mm	5/16in	9/16in-JIC
TL/TR45700-510	V05206414-9300	9300mm	8300mm	5/16in	M16 x 1.5
TL/TR45700-604	V06106206-7300	7300mm	7200mm	3/8in	3/8in BSP
TL/TR45700-608	V06206414-7300	7300mm	7200mm	3/8in	M16 x 1.5
TL/TR38004	* Flange Dia. is 380mm (15in)				
TL/TR38004-312	V08106206-3900	3900mm	3700mm	1/2in	3/8in BSP
TL/TR38004-306	V08108206-3900	3900mm	3700mm	1/2in	1/2in BSP
TL/TR45704	* Flange Dia. is 457mm (18in)				
TL/TR45704-313	V08106206-6200	6200mm	6000mm	1/2in	3/8in BSP
TL/TR45704-307	V08108206-6200	6200mm	6000mm	1/2in	1/2in BSP

Also available with low torque longer life spring cassette variation 22 (eg TR38022)

Larger dia. Tecreels are available for longer hose pull-offs.

# TYPE 375

## TECREEL TYPE 4 Performance Data

### PRESSURE DROP

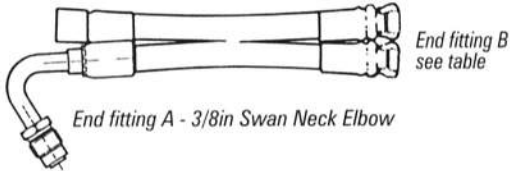
Flow Rate Per Minute	With twin 5.6m (18ft) hoses, 5/16in bore
22.7 Litres ( 5 Gall )	28.5 Bar ( 413 lb/in <sup>2</sup> )
45.5 Litres ( 10 Gall )	62 Bar ( 899 lb/in <sup>2</sup> )

The above figures are based on SHELL Tellus 37; viscosity 55/63 cSt



# TYPE 4

## TECREEL TYPE 4 Hose Assembly



## Optional Extras

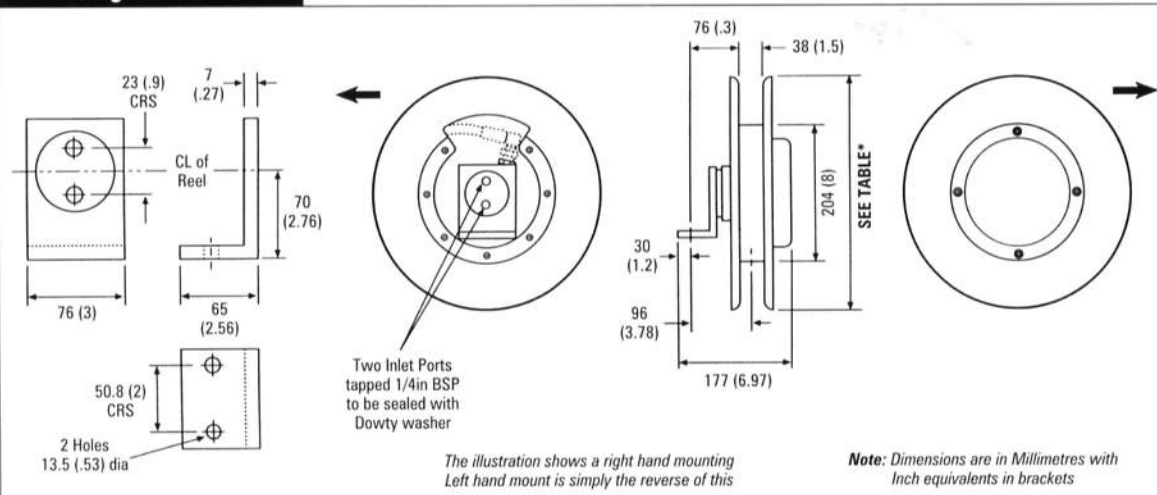
The following shaft inlet adaptors are available

Part no.	Threads		
G04604	1/4in BSP	x	1/4in BSP
106819	1/4in BSP	x	9/16in BSP
34865-225	1/4in BSP	x	M16 x 1.5

## TECREEL TYPE 4 Seal Kit

52117 Type 4 Replacement Seal Kit

## Mounting bracket Detail



## TECREEL TYPE 4 Part Numbers

4L = left Hand Mounting  
4R = Right Hand mounting

\*Pull off length with 1.5 pretension spring turns.

Tecreel part no	Replacement hose part no	Hose Length	Pull off length	Hose Bore	End fitting B
4L/4R31800	* Flange Dia. is 318mm (12.5)				
4L/4R31800-401	V104706-4100	4100mm	4000mm	1/4in	1/4in BSP
4L/4R31800-501	V055106706-3500	3500mm	3400mm	5/16in	3/8 BSP
4L/4R31800-502	V05509706-3500	3500mm	3400mm	5/16in	9/16in-JIC
4L/4R31800-503	V05414706-3500	3500mm	3400mm	5/16in	M16 x 105
4L/4R38000	* Flange Dia. is 380mm (15in)				
4L/4R38000-404	V04104706-6000	6000mm	5900mm	1/4in	1/4in BSP
4L/4R38000-504	V05106706-5600	5600mm	5500mm	5/16in	3/8in BSP
4L/4R38000-505	V05509706-5600	5600mm	5500mm	5/16in	9/16in-JIC

# TYPE 4

# TECREEL

## 2 PORT SWIVEL

Maximum operating pressure 300 Bar (4350 lbf/in<sup>2</sup>).  
 Suitable for use with Type 4, 375 and Multifunction Tecreels.  
 Gives full 180° free hose movement.  
 Available with or without check valves.



### TECREEL 2 PORT Swivel Performance Data

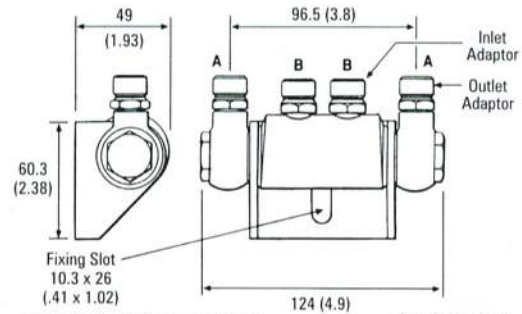
Type	PRESSURE DROP	
	22.7 Litres (5 Gall) per minute	45.5 Litres (10 Gall) per minute
Swivel DA50193 with check valve	2.8 Bar (40 lbf/in <sup>2</sup> )	8.5 Bar (123 lbf/in <sup>2</sup> )
Swivel DA50194 without check valve	2 Bar (29 lbf/in <sup>2</sup> )	6.8 Bar (98 lbf/in <sup>2</sup> )

The above figures are based on SHELL Tellus 37; viscosity 55/63 cSt

### 2 PORT Swivel Seal Kit

51601

2 Port Swivel Replacement Seal Kit



Inlet and Outlet Adaptors not fitted to standard Swivels

A = Outlet Port  
B = Inlet Port

Note: Dimensions are in Millimetres with Inch equivalents in brackets

### TECREEL Swivel Adaptors

Part number	Thread
34865-223	1/4in BSP
34866-625	3/8in BSP
34811-627	9/16in JIC
34832-206	3/4in JIC
34857-205	M16 x 1.5 (24° seat)
34857-203	M16 x 1.5 (60° seat)
34857-206	M18 x 1.5 (24° seat)
34857-204	M18 x 1.5 (60° seat)
25145-107	O' Ring

Standard 2 port swivels are supplied without inlet and outlet adaptors, which should be ordered separately from this table.

Note: the maximum tightening torque to effect ceiling of swivel adaptors is 15 lb/ft.



*Self Retracting Hydraulic Hose Reels*  
 Manufactured by Interlube Systems Ltd

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For advice on which product is most suitable for your needs - visit our web site from where you can e-mail us your requirements. Our Help Desk will respond within 24hrs by return e-mail or phone.



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