

## TEKNOSPIR /15

SAE 100 R15, ISO 3862 R15

High pressure hydraulic systems

**Features:**   
**Alternative**  Evergreen

**Versions:**  Forever


Code	Hose Size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	mm	Inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/mt	lb/ft
TSR1510	16	16	5/8"	28.5	1.12	420	6090	1680	24360	220	8.66	1.39	0.93
TSR1512	19	19	3/4"	31	1.22	420	6090	1680	24360	265	10.42	1.59	1.07
TSR1516	25	25.4	1"	38.6	1.52	420	6090	1680	24360	330	12.98	1.97	1.32
TSR1520	31	31.8	1"1/4	49.5	1.95	420	6090	1680	24360	445	17.51	3.56	2.39
TSR1524	38	38.1	1"1/2	57	2.24	420	6090	1680	24360	530	20.85	4.6	3.09
TSR1532	51	50.8	2"	70.5	2.78	420	6090	1680	24360	650	25.59	6.5	4.37

To order the Evergreen version, add EV to the end of the code.

To order the Forever version, add FV to the end of the code.

Hose layline example

	<b>TEKNOSPIR /15 1"</b> (25.4mm)	Flame Resistant	<b>MSHA IC-365/03</b>	SAE 100 R15 ISO 3862 R15	420 Bar 42 MPa	<b>6090 Psi</b>
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**OPERATING TEMPERATURE RANGE:**

 -40°C/+121°C  
 (-40°F/+250°F)  
 with peaks of +125°C (257°F)

**TUBE:**

 Synthetic rubber resistant to oil  
 and biodegradable hydraulic  
 fluids

**REINFORCEMENT:**

 4 high tensile steel spirals  
 DN(-6 to -25)  
 6 high tensile steel spirals  
 DN(-31 to -51)

**COVER:**
**Standard cover:** Synthetic rubber  
 (MSHA approved)  
**Evergreen EV:** High-abrasion,  
 ozone-resistant synthetic rubber  
 (MSHA approved)  
**Forever FV:** Polyethylene-coated  
 synthetic rubber with extreme  
 resistance to abrasion, ozone,  
 and UV (MSHA approved)

**CERTIFICATIONS:**
