TIPCO TECHNOLOGIES

Focused
Flexible
Solutions

T-TUFF-929

TIPCO's T-Tuff-929 is designed to provide protection against hydraulic hose failure by containing pressure and fluids that may escape during a hose burst or pinhole leak. With this new line of sight sleeving, which meets industry standards, both equipment operators and the environment are guarded from the effects of hose failures.

MATERIALS SPECIFICATIONS

Melting Point:	480°F/248°C
Denier:	1300
Material:	Proprietary Engineered Fabric
Dim. Stability:	Great resistance to sun, atmospheric agents and aging
Toxicity:	Non-Toxic

U.S. Department of Labor
MSHA
Mine Safety & Health Administration

FEATURES & BENEFITS

- Meets new line of sight operator specification EN982 ISO norm 833 EN414
- Meets Australian MDG41 specifications for mining applications
- Meets California Prop 65
- Meets RoHS
- Ultra tight construction contains oil spillage from pin hole leaks
- Tight, smooth surface to resist water
- 50% less bulky than Cordura
- Proprietary engineered fabric for optimum UV & abrasion protection
- MSHA# IC-234/1
- Meets abrasion standard ISO 6945
- Meets Fed-STD191-Test Method 5309 for abrasion
- Meets ASTM D6770 for abrasion resistance of textile webbing
- Meets conductivity requirements of ISO 8031
- Cut to length **sizes 3.66 and up*

T-TUFF-929 SELECTION

It is important to properly size your sleeve for optimum protection. This chart will assist you in choosing the correct size for your application.

1. Select the "Sleeve I.D. to Hose O.D. Ratio" that matches the size of your hose from the chart. For example: Using a -8 (1/2" I.D.) hose your ratio is 1.50
2. Multiply your hose O.D. times the "Sleeve I.D. to Hose O.D. Ratio" For example: If your -8 hose O.D. is .95" multiply that times 1.50 = 1.425
3. Select the sleeve from the "T-TUFF-929" chart that comes closest to your answer. For example: 1.425 would be closest to the I.D. of our T-Tuff 929-142HT

Hose Dash Size	Sleeve I.D to Hose O.D. Ratio
-4	1.44
-6	1.45
-8	1.50
-10	1.55
-12	1.55
-16	1.55
-20	1.60
-24	1.63
-32	1.65

RHINO SLEEVE HT SIZING

Brennan P/N	Min. Inside Dia. In.	Min. Inside Dia. Mm.	Max. Inside Dia. In.	Max. Inside Dia. Mm.
T-Tuff 929-68HT	0.68	17	0.84	21
T-Tuff 929-79HT	0.79	20	0.95	24
T-Tuff 929-91HT	0.91	23	1.03	26
T-Tuff 929-98HT	0.98	25	1.10	28
T-Tuff 929-106HT	1.06	27	1.18	30
T-Tuff 929-122HT	1.22	31	1.34	34
T-Tuff 929-142HT	1.42	36	1.54	39
T-Tuff 929-157HT	1.57	40	1.73	44
T-Tuff 929-163HT	1.63	41	1.79	45
T-Tuff 929-173HT	1.73	44	1.89	48
T-Tuff 929-185HT	1.85	47	2.01	51
T-Tuff 929-209HT	2.09	53	2.25	57
T-Tuff 929-219HT	2.19	55	2.35	60
T-Tuff 929-238HT	2.38	60	2.54	65
T-Tuff 929-262HT	2.62	66	2.78	70
T-Tuff 929-288HT	2.88	73	3.04	77
T-Tuff 929-315HT	3.15	80	3.31	84
T-Tuff 929-366HT	3.66	93	3.82	97
T-Tuff 929-394HT	3.94	100	4.10	105
T-Tuff 929-441HT	4.41	112	4.57	116
T-Tuff 929-494HT	4.94	125	5.10	130
T-Tuff 929-550HT	5.50	140	5.66	144

CHEMICAL COMPATIBILITY

Gasoline	Very Good
Oil	Very Good
Mineral & Vegetable Oil	Very Good
Ionic Metallic Solutions	Very Good
Alcohols	Very Good
Diluted Bases	Very Good
Diluted Acids	Good
Benzene	Very Good
Acetone	Very Good
Ether	Very Good
Carbon Tectrachloride	Very Good
Chlorine Based Solvents	Very Good
Mold, Bacteria, Moths	Very Good
Strong & Concentrated Acids	May Have Some Corrosive Action

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