

## Properties of Tuff-Lite™ Materials

### Nylon Features:

- Nylon fittings should not be used with acid-based fertilizers, bromine, chlorine, fluorine, hydrochloric acid, iodine, nitric acid, phosphoric acid, sulfuric acid or xylene.
- nylon should not be used with compressed gas
- fittings are white



### Polypropylene Features:

- Polypropylene fittings should not be used with aromatic hydrocarbons, carbon tetra-chloride, gasoline, hexane, kerosene, nitric acid, sodium hydrochlorite, toluene, trichloroethylene or xylene.
- polypropylene should not be used with compressed gas
- fittings are black



## Male Inserts

- Parts showing package quantities are sold in package quantities only.

### hose shank x male NPT

Hose Size	Male NPT	Nylon			Polypropylene		
		Part #	Price/E	Pkg Qty	Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>TN21</b>	<b>\$0.68</b>	50	<b>PPN21</b>	<b>\$0.84</b>	50
	1/4"	<b>TN22</b>	<b>0.70</b>	50	<b>PPN22</b>	<b>0.82</b>	50
	3/8"	<b>TN23</b>	<b>0.76</b>	50	<b>PPN23</b>	<b>0.85</b>	50
	1/2"	<b>TN24</b>	<b>0.87</b>	50	<b>PPN24</b>	<b>0.88</b>	50
	3/4"	<b>TN26</b>	<b>0.91</b>	50	---	---	---
5/16"	1"	<b>TN28</b>	<b>1.40</b>	50	---	---	---
	1/4"	<b>TN252</b>	<b>0.70</b>	50	---	---	---
3/8"	1/8"	<b>TN31</b>	<b>0.80</b>	50	<b>PPN31</b>	<b>0.84</b>	50
	1/4"	<b>TN32</b>	<b>0.88</b>	50	<b>PPN32</b>	<b>0.81</b>	50
	3/8"	<b>TN33</b>	<b>0.92</b>	50	<b>PPN33</b>	<b>0.82</b>	50
	1/2"	<b>TN34</b>	<b>1.00</b>	50	<b>PPN34</b>	<b>0.95</b>	50
	3/4"	<b>TN36</b>	<b>1.10</b>	50	<b>PPN36</b>	<b>0.90</b>	50
1/2"	1/8"	<b>TN41</b>	<b>0.92</b>	50	---	---	---
	1/4"	<b>TN42</b>	<b>0.77</b>	50	<b>PPN42</b>	<b>0.84</b>	50
	3/8"	<b>TN43</b>	<b>0.79</b>	50	<b>PPN43</b>	<b>0.90</b>	50
	1/2"	<b>TN44</b>	<b>0.91</b>	50	<b>PPN44</b>	<b>0.73</b>	50
	3/4"	<b>TN46</b>	<b>1.05</b>	50	<b>PPN46</b>	<b>1.10</b>	50
5/8"	3/8"	<b>TN53</b>	<b>0.87</b>	50	---	---	---
	1/2"	<b>TN54</b>	<b>0.94</b>	50	<b>PPN54</b>	<b>0.94</b>	50
	3/4"	<b>TN56</b>	<b>1.10</b>	50	<b>PPN56</b>	<b>1.15</b>	50
3/4"	3/8"	<b>TN63</b>	<b>0.83</b>	50	---	---	---
	1/2"	<b>TN64</b>	<b>1.07</b>	50	<b>PPN64</b>	<b>1.00</b>	50
	3/4"	<b>TN66</b>	<b>1.17</b>	50	<b>PPN66</b>	<b>0.93</b>	50
	1"	<b>TN68</b>	<b>1.37</b>	25	<b>PPN68</b>	<b>1.40</b>	25
1"	3/4"	<b>TN86</b>	<b>1.30</b>	25	<b>PPN86</b>	<b>1.30</b>	25
	1"	<b>TN88</b>	<b>1.56</b>	25	<b>PPN88</b>	<b>1.49</b>	25
1-1/4"	1"	<b>TN158</b>	<b>2.35</b>	15	---	---	---
	1 1/4"	<b>TN150</b>	<b>3.80</b>	10	<b>PPN150</b>	<b>3.11</b>	10
	1 1/2"	<b>TN1520</b>	<b>4.10</b>	10	---	---	---
1-1/2"	1 1/4"	<b>TN2015</b>	<b>3.95</b>	10	---	---	---
	1 1/2"	<b>TN200</b>	<b>4.10</b>	10	<b>PPN200</b>	<b>3.20</b>	10
2"	2"	<b>TN250</b>	<b>6.05</b>	5	<b>PPN250</b>	<b>4.55</b>	5



nylon



polypropylene



## Female Inserts

### hose shank x female NPT

Hose Size	Female NPT	Nylon	
		Part #	Price/E
1/4"	1/4"	<b>TFS22</b>	<b>\$3.30</b>
1/4"	1/2"	<b>TFS42</b>	<b>3.45</b>
1/2"	1/2"	<b>TFS44</b>	<b>3.20</b>
3/4"	3/4"	<b>TFS66</b>	<b>3.80</b>

